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Catalogue

Ripon College

Ripon, Wisconsin

1907.

CATALOGUE

OF

RIPON COLLEGE

1850—1907

1906-1907

Bulletin No. 23, May, 1907

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HAMMERSMITH
ENGRAVING CO.
116 MICHIGAN ST.
MILWAUKEE

COLLEGE CALENDAR

1907

March 29, Spring Recess begins, 8 a. m.....Friday
April 9, Spring Recess ends, 8 a. m.....Tuesday
April 15, Senior Thesis due.....Monday
May 30, Memorial Day.....Thursday
June 9, Baccalaureate Sermon.....Sunday
June 10, Annual Meeting of Board of Trustees.....Monday
June 11, Annual Meeting of Alumni.....Tuesday
June 12, Forty-first Annual Commencement.....Wednesday
June 13, Summer Vacation begins.....Thursday
September 10, Summer Vacation ends.....Tuesday
September 11, Registration for First Semester.....Wednesday
September 12, Lectures and Recitations begin, 8 a. m.....Thursday
November 28, Thanksgiving Recess.....Thursday and Friday
December 20, Christmas Vacation begins, 8 a. m.....Friday

1908

January 7, Christmas Vacation ends, 8 a. m.....Tuesday
January 17, Registration for Second Semester.....Friday
January 29, First Semester ends.....Wednesday
January 30, Day of Prayer for Colleges.....Thursday
January 31, Second Semester begins, 8 a. m.....Friday
March 27, Spring Recess begins, 8 a. m.....Friday
April 7, Spring Recess ends, 8 a. m.....Tuesday
April 13, Senior Thesis due.....Monday
June 7, Baccalaureate Sermon .....Sunday
June 8, Annual Meeting of the Board of Trustees.....Monday
June 9, Annual Meeting of the Alumni.....Tuesday
June 10, Forty-second Annual Commencement.....Wednesday
June 11, Summer Vacation begins.....Thursday
September 8, Summer Vacation ends.....Tuesday
September 9, Registration for First Semester.....Wednesday
September 10, Lectures and Recitations begin, 8 a. m.....Thursday

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TRUSTEES

Richard C. Hughes, A.M., D.D., President of the College.....Ripon
A. E. Thompson, Attorney-at-Law.....Oshkosh
Samuel M. Pedrick, Attorney-at-Law.....Ripon
George L. Field, President of First National Bank.....Ripon
William J. Starr, Lumberman and Manufacturer.....Eau Claire
F. J. Lamb, Attorney-at-Law.....Madison
Albert G. Farr, Vice-President of N. W. Harris & Co., Bankers, and of the Harris Trust & Savings Bank.....Chicago
W. H. Hatten, Manufacturer.....New London
O. H. Ingram, Lumberman and Banker.....Eau Claire
D. D. Sutherland, Attorney-at-Law.....Fond du Lac
Frederick W. Upham, President Board of Review, Cook Co., Ill.; Fred W. Upham Lumber Co., Wisconsin Oak Lumber Co., Busse-Reynolds Coal Co., Vice-President Peabody Coal Co.....Chicago
O. J. Clark, Retired Merchant.....Ripon
J. Beveridge Lee, D.D., Secretary for Colleges of Presbyterian General Assembly .....Chicago
Frank K. Sanders, Ph.D., D.D., Secretary of the Congregational Sunday School and Publishing Society.....Boston, Mass.
O. W. Mosher, President of the Northern Grain Co.....New Richmond
Rev. J. R. Johns, Pastor Calvinistic Methodist Church.....Randolph
Fred W. Rogers, Mortgages, Loans and Insurance.....Milwaukee
Wm. R. Dawes, Cashier Central Trust Co. of Illinois.....Chicago
Luther L. Wright, Superintendent of Public Schools at Ironwood, Mich., and State Commissioner of Education for Michigan.....
..... Ironwood, Mich.
Henry E. Knapp, Banker.....Menomonie

STANDING COMMITTEES OF THE TRUSTEES.

Executive Committee—Messrs. Hughes, Thompson, Pedrick, Field, Clark and Sutherland.

On Instruction—Messrs. Farr, Thompson, Sutherland, Sanders and Lee.

On Grounds and Buildings—Messrs. Pedrick and Sutherland.

Auditing—Messrs. Hatten and Farr.

On Investments—Messrs. Pedrick, Field and Clark.

On Honorary Degrees—Messrs. Ingram and Lamb.

FACULTY AND OFFICERS

RICHARD CECIL HUGHES, A.M., D.D.....309 Seward St.
President and Professor of Psychology.

A.B., Wooster University, 1884; A.M., Wooster University, 1887; D.D., Wooster University, 1900. Student, Princeton Theological Seminary, 1884-85; Graduate of McCormick Theological Seminary, 1887; Pastor Presbyterian Church, Sidney, Ia., 1887-91; Professor of Psychology, Tabor College, 1891-1901; President of Tabor College, 1897-1901; Ripon College, 1901.

EDWARD HUNTINGTON MERRELL, A. M., D.D., LL.D....302 Elm St.
Professor Emeritus.

A.B., Oberlin College, 1859; A.M., Oberlin College, 1862; D.D., Lawrence University, 1876; LL.D., Middlebury College, 1893. Professor of Greek, Ripon College, 1863-76; President of Ripon College, 1876-91; Professor of Philosophy, Ripon College, 1876-1906; Professor Emeritus, 1906.

CHARLES HENRY CHANDLER, A.M.....
Professor Emeritus.

A.B., Dartmouth College, 1868; A.M., Dartmouth College, 1871. Teacher of Science at Kimball Union Academy, Meriden, N. H., 1868-69; Principal of St. Johnsbury (Vt.) Academy, 1869-71; Professor of Mathematics and Physics, Antioch College, 1871-81; Ripon College, 1881-1906; Professor Emeritus, 1906.

EDWARD WILLIAM CLARK, A.M.....615 So. Grove St.
Professor of Latin Language and Roman Archaeology.

A.B., Oberlin College, 1890; A.M., Oberlin College, 1895. Instructor in Latin, Oberlin College, 1891-93; Student in the University of Leipsic, 1893-95; Member of the School of Classical Studies in Rome, 1904-5; Ripon College, 1895.

MARY CORINTHIA HARWOOD, M.L.....121 Thorn St.
Dean of Women, and Professor of French and German.

B.L., Lawrence University, 1888; M.L., Lawrence University, 1891; Student in France and Germany, 1891-93, 1901-2, 1904; Assistant Principal, Traer (Ia.) High School, 1888-90; Instructor in French and German, Grafton Hall, Fond du Lac, Wisconsin, 1893-94; Ripon College, 1895.

FRANK MORTON ERICKSON, A.M.....529 Woodside Ave.
Willcox Professor of Greek Language and Literature.

A.B., Wabash College, 1892; A.M., University of Chicago, 1895. Student of Archaeology, Athens, Greece, 1900; Teacher of Greek and Latin, Highland University, 1892-94; Member Graduate School, Harvard University, 1906-7; Ripon College, 1895.

OLIVER JONES MARSTON, A.M.....234 Elm St.
Professor of History and Political Economy.

A.B., Greer College, 1898; A.M., Greer College, 1899; Graduate Student, Johns Hopkins University, 1898-99; Graduate Student, University of Wisconsin, 1899-1902; Instructor in History, Greer College, 1897-98; Instructor in History, Ripon College, 1902-3; Ripon College, 1903.

CARL SPENCER MILLIKEN, S.B.....621 Woodside Ave.
Professor of Biology.

S.B., Massachusetts Institute of Technology, 1899. Teacher of Science, Flint (Mich.) High School, 1899-1901; Teacher of Biology, Lawrence (Mass.) High School, 1901-3; Ripon College, 1903.

THEODORE FREDERICK MEIER, A.B.....850 Watson St.
Professor of Music.

A.B., Mission House College, 1893; Student Chicago Conservatory of Music, 1894-96; Student Stuttgart Royal Conservatoire, 1900-3. Professor of Music, Atlantic (Ia.) Normal School, 1896-98; Central State Normal School, Mt. Pleasant, Mich., 1898-99; Ursinus College, 1899-1900; Ripon College, 1903.

JESSE FOX TAINTOR, A.B.....616 Ransom St.
Professor of English Language and Literature.

A.B., Ripon College, 1873; Andover Theological Seminary, 1875-78; Pastorates in Iowa, 1878-83; Rochester, Minn., 1886-1903; Student Chicago University, 1903, 1905; Ripon College, 1905.

WILLIAM HARLEY BARBER, B.S.....120 Thorn St.
Professor of Physics.

B.S., University of Wisconsin, 1901. Assistant Principal Ripon High School, 1901-4; Principal Ripon High School, 1904-5; United States Department of Commerce and Labor, Bureau of Standards, 1905-6; Ripon College, 1906.

ALBERT FRANKLIN GILMAN, A.M.....529 Woodside Ave.
Professor of Chemistry.

S.B., Amherst College, 1897; A.M., Amherst College, 1901. Teacher of Science, Farmington, Me., 1897-98; Professor of Science, Dow

Academy, Franconia, N. H., 1898-99; Professor of Chemistry and Physics, Maryville College, Maryville, Tenn., 1900-6; Student Harvard University, 1903; Student Chicago University, 1905-6; Ripon College, 1906.

FREDERICK WILLIAM LUEHRING, Ph.M.....Smith Hall
Professor of Sociology, and Athletic Director.

Ph.B., Northwestern College, 1905; Ph.M., University of Chicago, 1906. Y. M. C. A. Training School for Physical Directors, 1903; Assistant in Physical Training, Northwestern College, 1903-4; Director of Physical Training, University of Chicago Settlement, Chicago, 1905-6; Ripon College, 1906.

GEORGE PORTER PAINE, A.M.....529 Woodside Ave.
Professor of Mathematics.

A.B., Harvard College, 1905. Williams Scholar, Harvard Graduate School, 1905-6; A.M., Harvard, 1907; Ripon College, 1907.

SHIRLEY FARR, Ph.B.....121 Thorn St.
Associate Professor of History and French Language.

Ph.B., University of Chicago, 1904. Graduate Student, University of Chicago, 1904-5; Student in France, 1901-2 and 1905-6; Ripon College, 1907.

WILLIAM JAMES MUTCH,* Ph. D.....
Professor of Philosophy and Pedagogy.

A.B., University of Wisconsin, 1882; B.D., Yale Divinity School, 1885; Ph.D., Yale University, 1894. Lecturer in Pedagogy, Yale Divinity School, 1900-2; Pastor of Howard Avenue Congregational Church, New Haven, Conn., 1885-1907; Ripon College, 1907.

SARA LOUISE WHEELER, A.B.....Bartlett Cottage
Head of Bartlett Cottage.

Instructor in Greek and Latin.

A.B., University of Michigan, 1897. Teacher of Latin and English, W. Bay City (Mich.) High School, 1897-99; Teacher of Greek, Latin and English, Flint (Mich.) High School, 1899-1906; Ripon College, 1906.

EMMA SAPHENE WYMAN, B.I.....121 Thorn St.
Instructor in Art and Public Speaking.

Graduate of Boston Normal Art School, 1893; B.I., Philadelphia College of Expression, 1894; Graduate Emerson School of Oratory, 1906; Student under Ramsey, Lessoff, Bishoff. Teacher of Art, Platteville (Wis.) State Normal School, 1893-1902; Member Society Arts and Crafts, Boston; Ripon College, 1903.

*Professor elect. Begins September, 1907.

FLORENCE LA TOURETTE MILLIKEN, A.M.....621 Woodside Ave.
Instructor in Vocal Music.
A.B., University of Chicago, 1897; A.M., University of Chicago, 1898; Pupil in Voice Culture under M. Segar Larned, Detroit, and J. D. Mehan of New York City. Contralto in Hyde Park Baptist Church and the University of Chicago Choir, 1897-98; Ripon College, 1906.

FLORA LUCINA CLAWSON, A.B.....421 Watson St.
Instructor in German and Latin.
A.B., Ripon College, 1904.

GRACE GERTRUDE GOODRICH, A.B.....Eureka Road
Instructor in English.
A.B., Ripon, 1906.

IDA BELLE LOBB.....501 Liberty St.
Instructor in Mathematics and Physics.

FRANK MORTON ERICKSON, A.M., Secretary and Registrar.

OLIVER JONES MARSTON, A.M., Librarian.

HELEN TOOMBS, 107 Doty St. Assistant Librarian.

ORA B. MITCHELL, 428 Watson St. President's Secretary.

COMMITTEES OF THE FACULTY

Admission
The Registrar.

Chapel Service and Religious Life
Professor Mutch.

Men's Dormitories
Professor Barber.

Forensics
Miss Wyman.

Publication
Professors Taintor, Erickson and Milliken

Student Aid and Recommendations
Professor Clark

Athletics
Professor Luehring

Alumni
Professor Taintor

Commencement
Professor Paine.

Women's Dormitory
Professor Harwood.

Library
Professor Marston.

Social Life
Professor Harwood.

Student Societies
Professor Gilman.

Scholarships
The President.

CLASS OFFICERS

Senior Class
Professor Barber.

Sophomore Class
Professor Luehring.

Junior Class
Professor Marston.

Freshman Class
Professor Taintor.

The President of the College is ex-officio member of each committee.

A FORE-WORD TO STUDENTS

THE AMERICAN COLLEGE

In the American life of today the American College is a most potent factor. Its call, inviting, commanding, challenging young men to put forth the best there is in them, is heard by increasing thousands every year. The need of a distinctively College training, now recognized in the commercial as well as in the professional world, ought to be recognized by every young man who expects to act well his part in life. Because of the increasing demands made upon the professional and technical student, the broadest preliminary College training has become a necessity. The American College, as an institution distinct from the American University, takes the boy after the training of the High School and, introducing him to a wider range of scholarship, gives him the culture and discipline, that together best fit him for the later professional or technical studies.

THE CHRISTIAN COLLEGE

The typical American College is also a Christian College, and therefore places particular emphasis upon the value of religious training. The moral and religious influences that surround the student are accounted of the highest importance. The making of Christian character, while not the direct aim of the class room, is recognized as that which alone can give the truest value to education. The Christian College of today places little emphasis upon the denominational life of the student and is not hampered by ecclesiastical control. Students of every Christian denomination are cordially welcomed at every Christian College, and find no restrictions upon their Christian liberty.

RIPON COLLEGE

Ripon College has the ideal of the American College and is therefore essentially a Christian College. In accordance with this ideal, Ripon devotes her energy to the specific work of the College, and does not attempt to do work belonging to the Uni-

versity as distinguished from the College. The aim of the College is to preserve a healthy, wholesome, Christian atmosphere, to provide all just helps and encouragements to Christian living and at the same time to fit the student in the most thorough manner for later study in a Technical or Professional School, or for any calling in life.

THE COLLEGE HISTORY

LOCATION

Ripon is one of the most attractive residence cities in the State of Wisconsin, and possesses unusual advantages as a college site. It is easily reached by way of either the Chicago & North-Western or the Chicago, Milwaukee & St. Paul railways. Its high location on a gravelly soil gives almost perfect drainage, so that the city has a remarkable record for healthfulness; diseases connected with bad sewerage or impure water supply are entirely unknown. The campus is situated near the center of the city and in the most elevated part, and the buildings command beautiful and extensive views of the surrounding country.

HISTORICAL SKETCH

Ripon College, known for ten years from its origin as Brockway College, was incorporated January 28, 1851. Hindered by the financial crash of 1857, and interrupted by the Civil War in 1861, the College continued, under different leaders, with varying degrees of success until 1863. In that year, Dr. William E. Merriman was called to the presidency, and under his vigorous leadership the College entered upon a new era. Until this time only secondary school work had been done. Now regular college classes were organized and the first baccalaureate degrees were conferred at Commencement of 1867.

The history of the College since the resignation of President Merriman in 1876 covers the administration of three presidents: Edward Huntington Merrell, D.D., LL.D., 1876-1891; Rufus Cushman Flagg, D.D., 1892-1901; Richard Cecil Hughes, A.M., D.D., 1901.

THE COLLEGE ADMINISTRATION

TRUSTEES

The College from its beginning has been under the control of a Board of Trustees, who have uniformly conducted its affairs, wisely, economically and with foresight. The present Board, consisting of twenty members, is carrying on the work along lines laid down by its predecessors, while at the same time it endeavors to adjust methods and ideals to the needs of the present day.

GOVERNMENT

Training in self-government is an important factor in education. The College aims to give students the largest opportunity for this training and so provides that each dormitory shall have its own house committee, and that board in the College Commons shall be furnished by the Students' Co-operative Association. In general the students are held responsible for good order and for the proper use of their time and opportunities. The Faculty, however, is responsible for the government of the College, and through its proper officers is ready to offer counsel, or if need be, to enforce discipline. Each class is assigned to one member of the Faculty as class officer. It is his duty to advise with the students in his class, in regard to choice of studies for the year and for the course, to give special attention to their deportment and attendance upon class and chapel exercises, and to report progress of the student to the President and, when desired, to the parent or guardian. The various activities of the student body are supervised by the proper committees of the Faculty. The President of the College is ex-officio member of these committees.

THE COLLEGE YEAR

The College year is divided into semesters. The first begins on the second Wednesday of September, 1907; the second, on the first Friday of February, 1908. The courses of study are so arranged that students may enter the College with the second semester, but those desiring to begin work then must come to Ripon early enough to register and make arrangements for books before that time.

Besides certain of the usual legal holidays, there are two longer vacations during the college year, one of two weeks at Christmas, and another of one week in the latter part of March. The Christmas vacation begins at 8 a. m., Friday, December 20, and closes at 8 a. m. Tuesday, January 7. The Spring recess for 1908 extends from Friday, March 27, at 8 a. m. to 8 a. m. Tuesday, April 7.

A student who is absent the last recitation period preceding a vacation, or the first recitation period following a vacation, shall not be allowed to take the final examination in the subject missed, but may take it at the next time a regular examination in that subject is given.

No regular class examinations occur just before Christmas, and no new classes are formed immediately after the Christmas vacation. There is a recess of one day between the first and second semesters.

THE COLLEGE BUILDINGS

INGRAM HALL

This building, named after one of the principal donors, Mr. O. H. Ingram of Eau Claire, was completed in 1900. The laboratories and lecture rooms of the different scientific departments are located on the first and third floors of this building. The other lecture rooms are on the second floor, all having convenient access to the College Library and Reading Room.

EAST COLLEGE

This was the first building located on the campus and formerly was used chiefly for dormitory purposes. It has been entirely remodeled and now contains the Administration offices, the Chapel, the studios and practice rooms of the Schools of Music and Art. The Young Women's Christian Association also has its room in the building.

MIDDLE COLLEGE

Now known as Smith Hall, in memory of the late Elisha D. Smith of Menasha, was opened as a men's dormitory in 1903. It is finished throughout in hardwood, is heated by steam and lighted by gas and electricity. Some of the suites are arranged for two or three students, and consist of a central study room, with a bedroom and wardrobe on each side. Others are arranged

for one occupant, and consist of a single study, bedroom and wardrobe en suite. Some of these are completely furnished; others may be rented without furniture.

Besides the student apartments, this hall also contains a reception room, guest room, hospital, and in the basement an excellent bowling alley. The reception room is opposite the main corridor. It is furnished in the mission style; has a large, open fireplace, and is supplied with a selection of the current magazines and newspapers. The hospital rooms, furnished by the class of 1902, are grouped in a sunny and sequestered portion of the top floor, away from all noise. They consist of a room for the patient, and one adjoining for the nurse; both rooms are furnished for use in any emergency. The bowling alleys, in the basement, are of the Brunswick-Balke-Collender Co.'s make and are carefully kept in condition. On the whole there is no more completely equipped men's dormitory in the state than this one.

WEST COLLEGE

This is now the College Commons. By means of funds provided by the Alumni the first floor has been made into a thoroughly equipped modern dining room. The Young Men's Christian Association has a room upon the second floor. All other rooms on the second and third floors are occupied by students.

The Students' Co-operative Association, which for years has successfully furnished board, has charge of the Commons and with the new equipment and conveniences, now provides a most excellent quality of board at small cost. The dining room is large, finished in oak, is well lighted and has two open fireplaces to add to the cheer. There are ample cloak and waiting rooms and the kitchen and serving rooms are models of convenience, making it possible to serve the best meals at the lowest expense. This new Alumni Hall adds much to the comfortable living of the students.

BARTLETT COLLEGE

The Women's Dormitory, named in honor of the late Sumner Bartlett of Oshkosh, is located at the Southwest corner of the campus, just opposite the President's house. This hall is a large brick structure consisting of three stories and basement. It is steam heated throughout and is supplied with hot and cold water. The students' suites consist of a study and bedroom,

with the chief pieces of furniture. In addition to these, the building contains a reception room and library, a guest room, and also a kitchen and dining room for occasional use. The reception room is at the left of the entrance corridor; this leads into the house library containing current periodicals, a piano, and other furnishings which add to the homelike atmosphere of the building.

SOCIETY HALL

The Old Chemical Laboratory, vacated when Ingram Hall was built, has been remodeled for society purposes. The Athenian Literary Society holds its regular sessions here.

PRESIDENT'S HOUSE

The President's house adjoins the campus on the south. It is opened freely during the year to Faculty and students.

THE COLLEGE EQUIPMENT

LIBRARIES AND READING ROOMS

Main Library. This occupies large central rooms on the first and second floors of Ingram Hall, situated so that the recitation and seminar rooms adjoin on three sides, thus making any book needed for class work readily available. Each floor of the Library is lighted by both gas and electricity and has perfect daylight exposure.

The main library contains 18,000 volumes, 4,300 of which have been added within the past two years. They include modern critical works, works of reference, bound periodicals, etc. There are also several rare and valuable original copies from the early seventeenth and eighteenth century presses, and a few transcripts and reprints of works of earlier date. The Athenian and The Ecolian Literary Societies' libraries of 1,500 volumes are incorporated in the main library.

The library has nearly complete bound sets of standard American and British magazines, and receives such leading journals of a professional or technical character, as: American Chemical Journal, American Historical Review, American Journal of Archaeology, American Journal of Physiology, Annals of American Academy of Political and Social Science, Bibliotheca Sacra, Classical Journal, Classical Review, Forum, Independent,

Journal of Economics, Modern Philology, Monatschefte, Nation, Nature, North American Review, Popular Science Monthly, Psychological Review, Psychological Bulletin, Revue Historique, Revue des deux Mondes, Science.

The contents of the library are catalogued according to the Dewey Decimal system; this is supplemented by numerous department bibliographical catalogues, thus encouraging and facilitating independent research on the part of the student. A trained librarian and assistants are in attendance at all times, and everything is done to assist the workers in their investigations.

Reading Rooms. Adjoining the stacks on the first floor is a general reading room, supplied with daily papers and general magazines. The corresponding space on the second floor is arranged for department reading and research. Besides these, there are provided numerous tables and desks for those doing special research.

Each dormitory has its own reading room located near the entrance corridor, furnishing the usual monthlies, dailies, and some volumes of standard literature for the pastime reading of the occupants.

In addition to the above library and reading room facilities on the campus, students have access to the City Library, now in the new Carnegie building, one block from the campus. The College Library and the City Library are largely supplementary to each other, the former being strong in works of reference and research, the latter naturally furnishing books of more general interest. Both are open with a uniform rule to students and citizens alike.

SCIENTIFIC EQUIPMENT

Biological. The laboratories of Biology occupy the east end of the first floor of Ingram Hall; the vivarium and the injection room are in the basement. Adjoining the laboratories is the lecture room, arranged conveniently for the work. Storage and preparation rooms adjoin. The equipment increases yearly, and includes, among the various pieces of apparatus, physiological instruments such as kymographs, capillary electrometers, moist chambers, rheocords, etc., microscopes, compound and dissecting, camera lucida, microtome, paraffin bath, centrifuge, incubator, etc., besides numerous tanks and aquaria with running water.

Chemical. The department of Chemistry occupies the third floor of Ingram Hall; it has in addition to the general laboratory and the lecture room, a qualitative and a quantitative laboratory, private laboratory, preparation and storage rooms, office and library. All laboratories are supplied with hoods and with individual desks, accommodating seventy students, and each desk is furnished with lockers, gas and water. The lecture room has every facility for demonstration. The department is well equipped with apparatus for all the courses announced.

Physical. The department of Physics is located in the west end of the first floor of Ingram Hall, and occupies the following: A laboratory for electricity and magnetism, one for mechanics, heat, and sound, and a dark-room, besides an office and lecture room adjoining. The electrical laboratory is furnished with four slate-capped piers brought up from the foundations; these are used for delicate work where all jarring effects must be avoided. Similarly, the mechanics' laboratory is fitted with slate shelves running along the sides of the room. Both laboratories are well supplied with tables fitted with gas and water connections; sinks, hoods, and running water are conveniently provided in both.

MATHEMATICAL

The rooms of this department are on the second floor of Ingram Hall. The lecture room is provided with slate blackboards, affording ample space for lectures and recitations. Adjoining the lecture room is a mathematical reading room in which is a rapidly growing collection of the best books on Mathematics in French, German and English.

MUSEUMS

Mineral Museum. The nucleus of this collection was given to the College by the Rev. Geo. W. Barber. It is named after the donor, who, being an Amherst man, collected many of the specimens under Professor Shepard, of that school. This is supplemented by the New Orleans Collection, obtained through the influence of the Hon. E. D. Holton, of Milwaukee, from the New Orleans Exposition; and by the Armstrong collection of 500 minerals and rocks.

In addition to these collections is the "Educational Series of Rocks," furnished by the United States Government, and several

valuable specimens from the mining regions of Wisconsin and Michigan.

Nearly 2,000 specimens in all are listed, coming from various parts of the world. Besides this central museum, there are numerous working sets for use in the classes of mineralogy. These sets include hand specimens for study and tubes of powdered mineral for blow-pipe analysis.

Biological Museum. This contains a collection of invertebrates and vertebrates systematically arranged. The study of the few typical forms of animals studied in the laboratory can thus be supplemented by an investigation of the greater variety of forms to be found in the museum.

An interesting and valuable portion is the Congdon collection of birds' eggs. These eggs, representing a large amount of research carried on in Wisconsin and Canada, were collected by Russell T. Congdon, of the class of 1903.

ARCHAEOLOGICAL COLLECTIONS

The departments of Latin and Greek possess an unusually fine collection of archaeological material. There are several thousand carefully selected photographs and slides, illustrating Greek and Roman history, geography, life and art. Also a small but carefully selected collection of antiquities of special interest to a student of the classics. There are 250 different Roman coins of the most important reigns of the Empire; more than fifty terra cotta lamps illustrating all of the types, many of which are figured; Etruscan, Greek and Roman vases dating from 750 B. C. to about 300 B. C.; bronze fibulae, keys, letter stamps, bone stili, spoons, dice, etc.; several fine specimens of glass from Greece and Italy; inscribed amphora handles and numerous other articles connected with the daily life of the ancient Romans.

LIBERAL ARTS EQUIPMENT

The departments of the liberal arts occupy the second floor of Ingram Hall. The department library is the center. About it on three sides are the recitation rooms in the following order: French and German, Greek, Latin, English, Philosophy, History, and the general lecture room. The proximity of class room to library is an index of the methods of work. The rooms are newly furnished throughout with special reference to beauty

and convenience. There are maps, charts, reproductions, photographs, lantern slides, coins, antiques, and other similar material for vivid presentations of the subjects considered.

Conveniently adjoining these departmental recitation rooms on the same floor is a general lecture hall, arranged for stereopticon illustration. The screen and the streopticon, with either lime or electric light, are permanent fixtures of the hall.

THE COLLEGE LIFE

STUDENT FELLOWSHIP

It is one of the inherent advantages of colleges of the size of Ripon, that the students are brought not only into closer relations with their instructors, but also into a nearer sympathy with one another. The College is a social democracy. In class room, at the commons, in the dormitories and on the campus the students are brought into intimate relations, every one with all the others.

SOCIAL LIFE

The social side of the student life, no less than the religious, receives special encouragement. A wholesome social atmosphere pervades the institution, which not only affects the life of the dormitories, but also promotes the social spirit as between student and student and between student and Faculty. Class or college functions, through the year, sometimes initiated by the students, sometimes by members of the Faculty, make the year as a whole contribute largely to the social enjoyment and culture of the students.

The management of the dormitories is largely in the hands of the students living in them. The occupants of each hall elect annually from among their number a board of control, known as the House Committee, which is responsible for the regulation and direction of all internal affairs in accordance with the will of the majority. In this way, the dormitory becomes a social unit, and differs from a club or fraternity only in that it insures the finest sort of student democracy.

The Faculty committee on dormitories acts as an advisory board for the house committees. The woman's dormitory has as head of the house Miss Wheeler.

LITERARY SOCIETIES

Opportunity for voluntary practice in the various forms of public address is afforded by two societies, the Athenian for the men, and the Ecolian for the women. Each has an attractively furnished hall, where they meet each Monday evening for their respective work. This work includes parliamentary practice, impromptu speaking, book-reviews, reports, declamation, oratory and debating. Each has a good number of valuable books, which are incorporated in the college library. In addition to the literary work, these societies contribute largely to the social life of the campus.

RELIGIOUS LIFE

The College is distinctly Christian and regards the development of Christian character as its greatest work. It is unsectarian in its management. On entrance the student names the church of his preference. Lists are sent to the pastors of these churches. Every student is given a definite personal welcome in the church of his choice. The chapel prayer service is held each day and all students are expected to attend. All other services are voluntary. The prayer meeting on Tuesday evening, in the chapel; the Association meetings on Sunday and Thursday afternoons; the Bible study class and the Mission study club are under the management of the Christian Associations. These associations send delegates to the various state and national conferences. At the beginning of the college year members of the associations meet all trains and welcome new students.

STUDENT ORGANIZATIONS

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

The College Y. M. C. A. has a membership comprising between forty and fifty per cent of the total number of young men enrolled in the College. This itself is a valuable testimony to the practical nature and helpful character of the organization. The Association also has the active support of the Faculty, some of them being members, and many helping in the meetings. Most of our best students recognize that the influence

of a society of this kind is necessary for well balanced development of character, especially during the formative period of their college life. Some special speakers are always secured during the year, and a number of the members are sent to the yearly conference held in June at Lake Geneva.

THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION

The object of the Young Women's Christian Association is the development of Christian character in its members, and the prosecution of active Christian work, especially among the young women of the institution.

The active membership of the Association consists of women connected with the College, who are members of Christian churches. Any woman in the College may become an associate member.

The Association is affiliated with the international organization.

THE ATHLETIC ASSOCIATION

The College Athletic Association is responsible for the maintenance of the various teams, the selection of officers and managers. To secure steadiness and business method in the management, general supervision of all athletic affairs is placed in the hands of a Board of Control, representing the Faculty, the alumni and the students. The athletic director is one of the Faculty members of this board and all meetings are held in his office.

At the request of the student body, a fee of seventy-five cents per semester, incorporated in the regular incidental fee, is collected for the support of athletics by the College Treasurer, who is also Treasurer of the Association. A nominal admission fee is charged at all home contests. The receipts from such admission, together with the student fees, support the Association's work and insure suitable equipment for all the College teams.

INTERSCHOLASTIC MEET

Each spring there is held at Ripon under the management of the College, an Interscholastic Athletic Meet. The participants in this contest are invited from among the various high schools and academies in the central part of the state. To the winning

school a silver cup is given as trophy. When this has been successfully defended for three years it passes into the permanent keeping of the winning school.

THE ORATORICAL UNION

The Oratorical Union, working under its new constitution, now controls Oratory, Debate, and the "College Days." Two members of the Faculty, together with the President, Vice-President, and the Secretary of the Union, and the Editor and Business Manager of the "College Days," constitute a Board of Control, which has general direction of all affairs.

THE COLLEGE DAYS

This is the news organ of students and alumni. While under the control of the Oratorical Union, it has its own board of editors, who are elected annually. It is published nine times during the year. Subscription, one dollar a year.

THE RIPON COLLEGE GLEE AND MANDOLIN CLUBS

The Glee and Mandolin Clubs are distinctly student organizations, together numbering thirty men. A trip is made each season at the spring vacation, on which from sixteen to twenty-five cities and towns throughout the state are visited. The trip this season carries the club south, west and north; starting at Waupun and Randolph, going as far north as Eau Claire and Chippewa Falls and returning by way of Oshkosh and Fond du Lac.

THE CRIMSON

This is the college annual of the Junior Class. It is published this year for the first time, and by the class of 1908.

THE STUDENTS' CO-OPERATIVE ASSOCIATION

The Students' Co-operative Association has charge of the dining room and furnishes board at reasonable cost for all who desire to live at "The Commons."

DEPARTMENT CLUBS

Besides the organizations already named, there are student clubs working along the different departmental lines. "The German Club," "The History Club," and "The Science Club" have been active during the year.

THE COLLEGE AWARDS

DEGREES

Bachelor of Arts. The degree of Bachelor of Arts is conferred by the Board of Trustees, after recommendation by the Faculty, upon those candidates who have completed the collegiate requirements. These are as follows: The student must have a total credit of one hundred and twenty-eight semester hours in the college courses, and he must present a satisfactory thesis upon some theme related to the major subject of his course. The time required for the fulfillment of these conditions is usually four years. A student may sometimes shorten the requisite period of residence and study by securing credit for work satisfactorily performed during vacation, under supervision of the Faculty, or at another college. The semester hour means one hour recitation or one two-hour laboratory period per week for one semester.

Master of Arts. The degree of Master of Arts may be conferred upon any graduate of this College, or of any college offering substantially equivalent courses, who shall have completed an approved course of non-professional study sufficient to constitute an additional year of college work, one-half of which, at least, is in a single department or in closely allied departments. This work may be done during one year in residence at the College, or in the case of graduates of this College, during two years of non-residence. Examinations in all work of the approved course are required, and a satisfactory thesis upon some phase of the leading subject of the course must be presented at least one month before the close of the college year. Fees for all special examinations and the usual fee for the diploma are required.

PRIZES AND HONORS

The following prizes are open to competition for the year 1907-8:

The James Prizes. These prizes are paid from the interest of a fund of $1,500 given by Mrs. John W. James of Boston for the encouragement of English Composition in the College. Each first prize will amount to about $15; the second prize to $10.

Prizes will be awarded the two successful contestants in the freshman class, on the basis of clearness of style, excellence of punctuation, in sentence making and in paragraph structure, as exhibited in the manuscripts of the freshman year English exercises.

Two prizes will be awarded in the sophomore class and two in the junior class. In the sophomore class the award will be made for the best essays upon subjects prescribed by the Professor of English. The junior prizes will be given for the best essays on subjects chosen by the writers.

Prizes will not be awarded in any class for inferior work, or if there are less than twelve contestants.

Class of 1891 Prize for Oratory. A silver cup, valued at $65, upon which shall be inscribed from year to year, between 1906 and 1915, the names of the winners in the home oratorical contest. The cup is to be the property of the College and will be kept on exhibition in some suitable place. The winner in the 1906 contest was Mr. B. Vandervelde. In 1907 Mr. Thomas Owens was given first place.

Lewis Prize. This was established by Hon. J. T. Lewis of Columbus. The annual income of a fund of $200 will be awarded to the student who prepares the best set of notes and drawings on the biological work of the freshman year. It will not be granted for inferior work. Awarded in 1906 to Miss Christina R. Hargrave.

Class of 1896 Prize. The income, about $20, of the Memorial Prize Fund of the class of 1896, will be awarded the successful contestant in a declamatory contest between members of the junior class each year. Awarded in 1906 to Mr. Bernard F. Hemp.

Starr Prizes in Chemistry. For 1907-8 Mr. W. J. Starr offers two prizes of $15 and $10 respectively, to be awarded to the students who attain first and second rank in the first year's work in General Chemistry.

Department Fellowships. The head of each department has the privilege of recommending for ratification by a vote of the entire Faculty one advanced student of high standing as Fellow in the department.

The Rhodes Scholarships. In order to keep this well-known bequest before the minds of present and prospective students, it is briefly noticed here. Circulars of full information can be obtained at the registrar's office. Any male student, a citizen of the United States and unmarried, not younger than nineteen nor more than twenty-four years of age, who has reached the end of his Sophomore year of study, is eligible as a candidate for one of the Wisconsin scholarships. This ensures to the winning contestant among the schools of the State a three-year residence in Oxford University, England.

All competitors must be prepared to take an examination in the following subjects: Arithmetic, the Elements of Algebra or the Elements of Geometry, Greek and Latin Grammar, translation from English into Latin, one Greek and one Latin book from authors such as Caesar, Cicero, Livy, Horace, Virgil, Homer, Xenophon, Plato, Sophocles, Euripides, and Demosthenes.

UNIVERSITY FELLOWSHIP

The University of Wisconsin, through its President, has extended to Ripon College an invitation to appoint one of its graduates each year to a Fellowship in the University. The value of this fellowship is $225 a year. The fellowship for 1907 was awarded to Mr. Frank L. Anders, and later, on his resigning, to Mr. Fred E. Volk.

STUDENT EXPENSES

BOARD AND TUITION

The charge to the student is but a small part of the cost to the College. In view of the value of the courses of instruction, the fine equipment in laboratories and library, and the comfortable and thoroughly modern conveniences in dormitories and commons, the cost to the student is exceptionally low.

Tuition, per half year	$10.50
Incidental fee, per half year	9.50
Room rent, Bartlett Cottage, Women's Dormitory, per half year	18.00

Room rent, Smith Hall and West College, Men's Dormitories:

Furnished rooms, per half year	20.00
Unfurnished rooms, per half year	16.00
Board at College Commons, per week, about	2.50

Bills for tuition and room rent must be paid at the beginning of each semester. Absence for good reason for more than one-third a semester will be the only cause for refunding any part of bills paid. Room rent and laboratory fees will not be refunded to students leaving dormitories or classes during the semester.

The rooms in Bartlett Cottage are arranged in two-room suites of study and bedroom, to be occupied by two students, and are furnished with bed, mattress, springs, dresser, washstand, study table and chairs. There is a parlor and reading room on the first floor.

The rooms in Smith Hall are similarly arranged, some with a study and one bedroom and others with a study and two bedrooms. Most of them are furnished, a few are rented unfurnished. The rooms in West College are all furnished.

Students bring their own bedding, pillows, rugs and such conveniences and ornaments as may be desired.

The new Commons has been in use since the beginning of the college year 1905-6. It is furnished with every convenience in dining room, kitchen and storerooms for giving the best board at a reasonable price. The College gives special attention to this Commons, because of its value in reaching the social life of the students, as well as because of the importance of good board for their health and comfort.

All buildings are heated with steam, furnished with hot and cold water, gas and electricity.

The question is frequently asked how much will the college year cost. Ten representative students give the following figures as the cost of one year in Ripon for everything except traveling expenses and clothing provided at home: Five young women, $200, $244, $250, $252 and $300. Five young men, $164, $200, $200, $220 and $250. Some spend more than the amounts given and many earn by labor during the year a part of their expenses.

Laboratory Fees. Cost of material is charged in various courses, as follows: Physics, $2.50; Bacteriology and Embryology, $7.50; Anatomy, Histology, Advanced Botany, $3.00; Physiology, $1,50; Chemistry, four-hour course, $6.00; Mineralogy, $2.50; Archaeology, $1.50; Breakage Deposit in Chemistry, $3.00.

GENERAL INFORMATION

STUDENT AID

A standing committee of the Faculty acts as an employment bureau and is always ready to assist students desiring employment. Faithful, worthy students need not abandon their course of study for lack of money if they are willing to work. Many of the most successful graduates of the College have helped themselves in this way. Advanced students of high standing have frequent opportunity to do private teaching, and citizens of the town are ready to employ students in various capacities.

There are a few scholarships to be granted as a reward of merit to successful students.

Rufus Dodge Fund. The late Rufus Dodge of Beaver Dam left the College a legacy of $9,000 as a permanent fund to aid young women of limited means in getting an education. The interest of this fund will be annually distributed among such students for this purpose, according to their need.

Permanent Scholarships. Three permanent scholarships have been founded for the benefit of young men of limited means. The income from these is applied annually in payment of the tuition of those whom the President may designate as proper persons to receive it.

THE BENNETT SCHOLARSHIP

The sum of $500 bequeathed by the late Philo S. Bennett of New Haven, Connecticut, provides a fund "to aid poor and deserving boys to obtain an education. It is understood that the boys receiving the benefit of this fund shall be in honor bound to return to the College the money so advanced as soon as they

can conveniently do so after leaving College, and the money so returned shall be used for the aid of other boys, in like manner as it was used at first."

RECORDS

The Faculty keep a record of the work done by each student, based upon the character of the recitations, accuracy of the laboratory and research work and regularity of attendance. A permanent record of the entire work of each student is made at the close of each semester.

Each student is expected to be present at all recitations from the first day of the semester until the close of examinations. Students who are absent from recitations the last day before or the first day after Christmas and Easter vacations will be charged double the amount of absence.

Students are not allowed to leave town without special permission from the President, the Registrar or the Dean for Women. The Faculty regard the time allotted for vacations and holidays ample for rest.

COMMITTEE ON RECOMMENDATIONS

The committee on recommendations renders assistance to graduates seeking employment and to employers. No charge is made for this service and the committee makes special effort to find the position for which the applicant is prepared. School boards and others employing college graduates can depend upon the faithfulness of the recommendations given.

The call for college graduates as teachers is increasing each year. All graduates and friends of the College are asked to cooperate with this committee in notifying it of vacancies.

TEACHERS' TRAINING

The attention of students intending to prepare for teaching in high schools, academies or colleges is called to the courses in psychology and pedagogy. One course in psychology throughout the year, one course in the philosophy and history of education for one semester; and in addition to these, special teachers' training courses are offered in various subjects where the student receives definite training in the presentation of the subject

and in the use of the library and laboratory material. Ripon graduates have uniformly received a life certificate from the State Board of Examiners without examination.

THE ROWLANDS ART MEMORIAL FUND

The class of 1901 has provided a special fund, the interest of which is to be used as needed for art decorations. It is a memorial to Owen C. Rowlands, now deceased, but a former member of the class.

THE COLLEGE ENTRANCE REQUIREMENTS

GENERAL REQUIREMENTS

All candidates for admission to the College must offer satisfactory evidence of good moral character, and those coming from other colleges must present letters of honorable dismissal.

A candidate who offers credentials from a recognized school showing that he has completed the requirements for entrance as given below, will be admitted, provisionally, to the freshman class. One who does not offer credentials will be examined upon the work required for entrance.

Whether a student enters by certificate or by examination, he is not given full standing until he has shown by doing satisfactory work that he is able to pursue a college course with success. Specific requirements for entrance are given below.

Entrance requirements are expressed in terms of units. The unit is the equivalent of a five-hour course of study of high school grade through one year. Fourteen such units are required for entrance to the freshman class. Of these fourteen units, eight are prescribed, six are elective within certain limits.

Prescribed:

English, 2 units; History, 1 unit; Mathematics, 2 units; Science, 1 unit; Foreign Language, 2 units.

Elective:

Six units selected from the following list:

English, 1 or 2 units; Civics-Economics, 1 unit; Mathematics, ½ unit; Science, 1, 2 or 3 units; History, 1, 2 or 3 units; Foreign Language, 1, 2, 3 or 4 units.

Not more than four units in one subject will be accepted, nor less than two units of any one language.

The two required units in English include Composition and Literature. In Composition, the student must show ability to write a short essay, correct in spelling, punctuation, grammar and division into paragraphs. In Literature, the requirement is that set by the Commission of New England Colleges and Secondary Schools, but allows selection from a large number of masterpieces. The list for the current year is as follows:

For General Reading and Composition work: The Sir Roger de Coverly Papers, Scott's Ivanhoe and Lady of the Lake, Shakespeare's The Merchant of Venice and Macbeth, Coleridge's The Ancient Mariner, Irving's Life of Goldsmith, Tennyson's Gareth and Lynette, Lancelot and Elaine and The Passing of Arthur, Lowell's The Vision of Sir Launfal, George Eliot's Silas Marner.

For thorough study: Shakespeare's Julius Caesar, Milton's Lycidas, Comus, L'Allegro and Il Penseroso, Burke's Speech on Conciliation with America, Macaulay's essays on Addison and Johnson.

The third unit should be the history of English literature; and the fourth unit advanced study of masterpieces.

The two required units in Mathematics are Elementary Algebra, one unit; Geometry, plane and solid, one unit. Additional credit to the amount of one-half unit will be given for advanced algebra.

In History one unit is required; as many as four will be accepted.

In Science one unit is required; as many as four will be accepted and full units are preferred to half units, but one-half unit of Physiology or Physical Geography may be substituted for one-half unit of Botany.

In Foreign Language, if only two units are offered they must be in one language. Not more than four units in any one language will be accepted, but six units will be accepted if they include either two or three languages.

ENGLISH COURSE GRADUATES

Graduates from the four-year English course of an approved high school will be admitted to provisional freshman standing,

the condition to be removed when the student has met the entrance requirement in language. This may be done by extra work amounting to one five-hour course through the year. Special classes will be formed for this work.

NORMAL SCHOOL GRADUATES

Graduates from the state normal schools who were graduated previously from a four-year high school course admitting to the college, will be given the degree of Bachelor of Arts on the completion of the major subjects as described on page 34 and those of the required subjects for which no equivalent has been taken at the normal school. The time required to complete this course will depend somewhat on the subjects taken previously. In most cases it may be completed in two years of residence by taking some extra work.

SPECIAL STUDENTS

Any person not a candidate for a degree but wishing to pursue special studies will be admitted to college classes on presentation of evidence of his ability to carry on such work with profit.

ADMISSION BY CERTIFICATE

Graduates of any Wisconsin high school, on the accredited list, will be admitted to the freshman class without examination, on the principal's recommendation and certificate showing that the student has successfully completed the courses required for entrance. Information concerning the accredited schools will be furnished on application.

Graduates from schools in other states will be admitted on the same condition as graduates from Wisconsin schools, provided the certificate of the school admits to the recognized colleges of that state.

Certificates should be made out on blanks furnished by the Registrar on application, and should be returned to him before the opening of the college year.

Certificates issued by the state normal schools or recognized academies of the state will be accepted for the entrance requirements in the subjects covered by such certificates.

THE COLLEGE AND THE HIGH SCHOOLS

HIGH SCHOOL SCHOLARSHIPS

For several years it has been the custom of the colleges to give a prize scholarship to the student taking highest rank in his class. Ripon College recognizes, in common with all other colleges, the supreme worth of accurate scholarship. Scholarship, however, awarded upon the basis of class standing alone, does not recognize the necessity of the moral and physical qualities necessary for leadership and for success in life. The College has, therefore, concluded to offer a prize scholarship to each of the accredited high schools of Wisconsin upon the general conditions of the Rhodes scholarship. Further information will be furnished on request.

THE COLLEGE AND THE UNIVERSITIES

RIPON COLLEGE AND THE STATE UNIVERSITY

An agreement has been entered into with the University of Wisconsin whereby both institutions have the same entrance requirements and the same list of accredited schools. Students who migrate from either institution to the other will be given the rank of sophomores or juniors, if they change at the end of the first or second year of their work. It is not deemed advisable by either institution for students to migrate at the end of their junior year, and where such cases occur they will be dealt with on their individual merits. Students who complete our Mathematical-Physical group of studies can enter the engineering department of the University of Wisconsin, and complete a course in two years. Those who enter before graduation will be given the same credits as students who transfer from the College of Arts of the State University to its engineering department.

PREPARATION FOR THE PROFESSIONAL SCHOOLS

The College stands for the largest and broadest culture, purposing to lay the strong foundations upon which the specialist may afterward build. The best professional schools are now

requiring a liberal education for entrance, and the College diploma, representing such liberal or collegiate education, is expected.

Within the range of the culture studies, however, it is possible to make a selection that will best prepare the student for the technical school. Such courses for students contemplating a course in medicine or law follow. Other courses preparatory to the study of theology, engineering and agriculture are also provided.

CHEMISTRY-BIOLOGY GROUP

Preparatory to the Study of Medicine.

Freshman Year

First Semester.	Second Semester.
English, four hours.	English, four hours.
French or German, four hours.	French or German, four hours.
General Chemistry, four hours.	General Chemistry, four hours.
Mathematics, four hours.	Mathematics, four hours.

Sophomore Year

French or German, four hours.	French or German, four hours.
General Biology, four hours.	Biology of Vertebrates, four hours.
General Physics, four hours.	Physics, four hours.
Optional.	Optional.
1. History.	1. History.
2. English.	2. English.

Junior Year

Greek or Latin, four hours.	Greek or Latin, four hours.
Chemistry, four hours.	Chemistry, four hours.
Histology, five hours.	Embryology, five hours.
Optional.	Optional.
1. History.	1. Economics.
2. Psychology.	2. Psychology.
3. English.	3. English.

Senior Year

Chemistry, four hours.
Thesis.
Physiology, three hours.
German or French, three hours.

Optional.

1. Elements of Sociology.
2. Greek Literature in English.
3. History of Philosophy.
4. English.
5. Greek or Latin.

Chemistry, four hours.
Thesis.
Bacteriology, five hours.
German or French, three hours.

Optional.

1. Geology or Mineralogy.
2. History of Philosophy.
3. Economics.
4. Greek or Latin.

HISTORY-ECONOMICS GROUP

Preparatory to the Study of Law.

Freshman Year

First Semester.

Ancient History, four hours.
English, four hours.
Foreign Language, four hours.
Mathematics, four hours.

Second Semester.

Ancient History, four hours.
English, four hours.
Foreign Language, four hours.
Mathematics, four hours.

Sophomore Year

Mediaeval History, four hours.
English, four hours.
Foreign Language, four hours.
Science, four hours.

Modern History, four hours.
English, four hours.
Foreign Language, four hours.
Science, four hours.

Junior Year

U. S. History, four hours.
Principles of Economics, four hours.
Philosophy, four hours.
Language, four hours.

U. S. Diplomatic History, four hours.
Economic Problems, four hours.
Philosophy, four hours.
Language, four hours.

Senior Year

English History, three hours.
Public Finance, four hours.
Municipal Government, two hours.
Thesis.
Elective, four hours.
Money and Banking, three hours.

English Constitutional History, three hours.
U. S. Constitutional Law, three hours.
Thesis.
Elective, four hours.

THE COLLEGE REQUIREMENTS FOR GRADUATION

The requirement for graduation is one hundred and twenty-eight semester hours of credit. The semester hour means one hour recitation or one two-hour laboratory period per week for one semester. A subject reciting four hours per week for one semester would give four hours of credit. A subject reciting four hours per week for one year would give eight hours of credit. Regular work is sixteen hours per week.

The courses of study are arranged in groups. Each group is made up of (a) certain fundamental subjects required of all students, (b) the major subject with related subjects, and (c) free electives to complete the number of credits.

(a.) The required subjects are sufficiently clear from the outline below.

(b.) Not later than the beginning of the junior year the candidate for a degree selects a department in which to do special work. The professor in charge of this department will act as the student's adviser and will have authority with the Registrar to require the completion of courses in this department and in related subjects to the amount of forty hours. This constitutes the student's major subject. The subject thus chosen, together with the subjects required of all students, insures the logical character of the group and requires on the part of the student sustained effort and definite result in one main direction.

(c.) In addition to this election of the group, from thirty-one to thirty-nine hours of the one hundred and twenty-eight are left to the free election of the student. The degree of Bachelor of Arts is given those who complete the requirements.

Required:

English	8 hours
*Foreign Language	14 or 22 hours
Bible	3 hours
Physical Training	
Three of the following subjects, 8 hours each:	
Mathematics	24 hours
Science-Chemistry, Biology or Physics	
History	
Philosophy	
Major Subject and Thesis	40 hours
Free Electives	39 or 31 hours
	128 hours

THE GROUP SYSTEM

The following courses of study have been arranged to illustrate the working of the group system. The studies are properly correlated and offer a training equally consistent with the demands of a liberal education and of the best professional and graduate schools.

Freshman Year

First Semester.	Second Semester.
English (1), four hours.	English (1), four hours.
Mathematics (1), four hours.	Mathematics (2), four hours.

Two subjects, one from each of the following groups, are to be chosen and carried through the year, four hours per week each.

I.	II.
Greek (0 or 1 and 2).	Chemistry (1 and 2).
Latin (1 and 2).	History (6 and 8).
German (1 and 2).	Latin (1 and 2).
French (1 and 2).	Greek (0 or 1 and 2).

*A student who has had four years of foreign language in High School will require only fourteen hours in the College. A student who has had only two years in High School will require twenty-two hours in College. Any one of the languages, German, Latin, French and Greek, may be chosen, but unless the student has had Preparatory High School work in the language chosen, no credit will be given for less than a full year's work in College.

Sophomore Year

History (6 or 2).
Science, one subject:
Biology (1), four hours.
Chemistry (1 or 3), four hours.
Physics (1), four hours.

History (8 or 2).
Science, one subject:
Biology (2), four hours.
Chemistry (2 or 3), four hours.
Physics (2), four hours.

Two foreign languages, three hours each through the year or one foreign language with either English or Mathematics.

Elective, two hours.

Elective, two hours.

Junior Year

The student chooses one of several groups. Full outlines of group III, Chemistry-Biology, and of group IV, History-Economics, as courses preparatory to medicine and law, are given below. Typical groups in other lines are as follows:

I.—Classics.

Philosophy, four hours.
Greek and Latin, eight hours.
Elective, four hours.

II.—Mathematics-Physics.

Philosophy, four hours.
Mathematics and Physics, eight hours.
Elective, four hours.

V.—Modern Languages.

Philosophy, four hours.
French and German, eight hours.
Elective, four hours.

VI.—English-Languages.

Philosophy, four hours.
English, four hours.
Foreign Language, four hours.
Elective, four hours.

Senior Year

The groups chosen in the junior year are continued as follows:

I.

Greek, five hours.
Latin, five hours.
Elective, six hours.

II.

Mathematics, six hours.
Physics, six hours.
Elective, four hours.

V.

French, four hours.
German, four hours.
Elective, eight hours.

VI.

English, six hours.
Foreign Language, four hours.
Elective, six hours.

Instead of groups I, IV, V, or VI, group VII may be substituted.

VII.—Philosophy.

Philosophy, eight hours.
Greek or Latin, four hours or
History or Economics, four hours.
Elective, four hours.

SCHEDULE OF RECITATIONS

First Semester—1907-8

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
8:00 O'CLOCK	Bacteriology 6 lab. Chemistry 7 History 13 Physics 1 lab.	English 1 English 4 German 3 History 1 Mathematics 1 Physiology 7 Physics 1	Chemistry 7 English 1 English 4 German 3 History 1 Mathematics 1 Physiology 7 Physics 1 lab.	English 1 English 4 German 3 History 1 Mathematics 1 Physiology 7 Physics 1	Chemistry 7 English 1 English 4 History 1 Mathematics 1 Physiology 7 lab. Physics 1 lab.
9:00 O'CLOCK	Archaeology 5 Bacteriology 6 lab. German 5 Greek B Mathematics 5 Physics 1 lab.	Archaeology 5 Economics 1 English 2 French 1 German 1a Greek B History 5 History of Education 3 Mineralogy Sociology 1	Archaeology 5 Economics 1 English 2 French 1 German 1a Greek B History 5 History of Education 3 Mathematics 5 Mineralogy Physics 1 lab. Sociology 1	Bacteriology 6 Economics 1 French 1 German 1a Greek B History 5 History of Education 3 Mathematics 4 Mineralogy Sociology 1	Economics 1 French 1 German 1b History 5 History of Education 3 Mathematics 5 Mineralogy Physics 1 lab. Physiology 7 lab.
10:00 O'CLOCK	Biology 1 Chemistry 3 lab. English 1 Greek A Mathematics 1 Mathematics 3 Philosophy 1 Physics 3	Chemistry 1 Economics 6 English 1 French 3 Greek A Latin 3 Mathematics 1 Mathematics 4 Philosophy 1	Chemistry 3 lab. English 1 French 3 Greek A Latin 3 Mathematics 1 Mathematics 3 Philosophy 1 Physics 3	Chemistry 1 Economics 6 English 1 French 3 Greek A Latin 3 Mathematics 1 Mathematics 4 Philosophy 1	Biology 1 Chemistry 1 lab. English 8 Mathematics 3 Physiology 7 lab.
11:00 O'CLOCK	Biology 4 Chemistry 3 lab. French 1 Greek 1 History 6 Latin 1 Mathematics 1 Physics 5	Chemistry 3 Economics 3 English 5 French 1 German 1a Greek 1 History 6 Latin 1 Mathematics 1 Physics 8 Psychology 1	Chemistry 3 lab. Economics 3 English 5 French 1 German 1a Greek 1 History 6 Latin 1 Mathematics 1 Physics 5 Psychology 1	Chemistry 3 Economics 3 English 5 French 1 German 1a Greek 1b History 6 Latin 1 Mathematics 1 Psychology 1	Chemistry 1 lab. Economics 3 English 5 French 5 Greek 1b Physics 5 Physiology 7 lab.
1:30 O'CLOCK	Biology 1 lab. English 1 Greek 3 Latin 11 Philosophy 7 Public Speaking 1	Biology 1 lab. Biology 4 lab. English 1 Greek 3 Latin 11 Mathematics 7 Philosophy 7 Physics 6 lab. Public Speaking 1	Bacteriology 6 lab. Biology 4 lab. Chemistry 1 lab. Debating 12 English 1 Greek 3 Philosophy 6 Physics 6 lab. Public Speaking 1	Bacteriology 6 lab. Biology 4 lab. Chemistry 1 lab. Debating 12 English 1 Greek 3b Mathematics 7 Philosophy 6 Physics 3 lab. Public Speaking 1	Bacteriology 6 lab. Chemistry 1 lab. Greek 3b Philosophy 6 Physics 3 lab. Public Speaking 1
2:30 O'CLOCK	Biology 1 lab. German 1a Greek 8 Latin 5 Mathematics 9	Biology 1 lab. Biology 4 lab. German 1a Greek 8 Latin 5 Mathematics 7 Physics 6 lab.	Bacteriology 6 lab. Biology 4 lab. Chemistry 1 lab. German 1a Greek 8 Latin 5 Mathematics 9 Physics 6 lab.	Bacteriology 6 lab. Biology 4 lab. Chemistry 1 lab. Greek 14 Latin 9 Physics 3 lab.	Bacteriology 6 lab. Chemistry 1 lab. German 7 Greek 14 Latin 9 Physics 3 lab.

SCHEDULE OF RECITATIONS

Second Semester—1907-8

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
8:00 O'CLOCK	Biology 9 Chemistry 6 Greek 12 History 13 Physics 2 lab.	Chemistry 6 lab. English 1 English 6 German 4 Greek 12 History 4 Mathematics 2 Physics 2 Physiology 10	Chemistry 6 English 1 English 6 German 4 History 4 Mathematics 2 Physics 2 lab. Physiology 10	Chemistry 6 lab. English 1 English 6 German 4 Greek Art 2 History 4 Mathematics 2 Physics 2 Physiology 10	 English 1 English 6 Greek Art 2 History 4 Mathematics 2 Physics 2 lab. Physiology 10
9:00 O'CLOCK	Archaeology 5 Biology 3 German 6 Greek B Mathematics 5 Physics 2 lab.	Archaeology 5 Chemistry 6 lab. Economics 4 English 9 French 2 Geology 2 German 2a Greek B History 8 Principles of Education 4 Sociology	Archaeology 5 Economics 4 English 9 French 2 Geology 2 German 2a Greek B History 8 Principles of Education 4 Mathematics 5 Physics 2 lab. Sociology	 Chemistry 6 lab. Economics 4 English 9 French 2 Geology 2 German 2a Greek B History 8 Principles of Education 4 Mathematics 8 Sociology	Botany 2 Economics 4 French 2 Geology 2 German 2b History 8 Principles of Education 4 Mathematics 5 Physics 2 lab.
10:00 O'CLOCK	Chemistry 4 lab. English 1 Greek A Mathematics 2 Mathematics 3 Philosophy 2 Physics 4	Chemistry 2 Economics 6 English 1 French 4 Greek A Latin 4 Mathematics 2 Mathematics 8 Philosophy 2	Chemistry 4 lab. English 1 French 4 Greek A Latin 4 Mathematics 2 Mathematics 3 Philosophy 2 Physics 4	Chemistry 2 Economics 6 English 1 French 4 Greek A Latin 4 Mathematics 2 Mathematics 8 Philosophy 2	Biology 3 Chemistry 2 lab. English 10 Mathematics 3
11:00 O'CLOCK	Biology 5 Chemistry 4 lab. French 2 Greek 2 Latin 2 Mathematics 2	Chemistry 4 Economics 5 English 3a French 2 German 2a Greek 2 History 14 Latin 2 Mathematics 2 Physics 8	Chemistry 4 lab. English 3a French 2 German 2a Greek 2 History 14 Latin 2 Mathematics 2	Biology 5 Chemistry 4 Economics 5 English 3a French 2 German 2a Greek 2b History 14 Latin 2 Mathematics 2	Biology 9 Chemistry 2 lab. English 3a French 6 Greek 2b
1:30 O'CLOCK	Biology 5 lab. Biology 3 lab. English 1 Greek 4 Latin 11 Philosophy 7 Public Speaking 1 Physics 7 lab.	Biology 5 lab. Biology 3 lab. English 1 Greek 4 Latin 11 Mathematics 7 Philosophy 7 Public Speaking 1 Physics 7 lab.	Biology 5 lab. Chemistry 2 lab. English 1 Debating 5 Greek 4 Philosophy 5 Public Speaking 1 Physics 7 lab.	Botany 2 lab. Chemistry 2 lab. English 1 Debating 5 Greek 4b Mathematics 7 Philosophy 5 Public Speaking 1 Physics 4 lab.	Botany 2 lab. Biology 9 lab. Chemistry 2 lab. Greek 4b Philosophy 5 Public Speaking 1 Physics 4 lab.
2:30 O'CLOCK	Biology 5 lab. Biology 3 lab. German 2a Greek 11 Latin 6 Mathematics 9 Physics 7 lab.	Biology 5 lab. Biology 3 lab. German 2a Greek 11 Latin 6 Mathematics 7 Physics 7 lab.	Biology 5 lab. Chemistry 2 lab. German 2a Greek 11 Latin 6 Mathematics 9 Physics 7 lab.	Botany 2 lab. Chemistry 2 lab. Greek 14 Latin 7 Physics 4 lab.	Botany 2 lab. Biology 9 lab. Chemistry 2 lab. German 8 Greek 14 Latin 7 Physics 4 lab.

PROSPECTUS OF COURSES

FOR 1907-8

The following courses, listed with the hours of credit indicated in each case, will be offered during the year 1907-8. The figures in parenthesis indicate the courses as given under the Description of Courses:

First Semester

Psychology:

Psychology (1), three hours.

Philosophy and Pedagogy:

Philosophy (1), four hours.
History of Education (3), four hours.
The Hebrew History-Prophets (6), three hours.
Ancient Philosophy (7), two hours.

Bible:

Biblical Greek (14), two hours.
The Hebrew History-Prophets (6), three hours.

Greek:

Greek (A), four hours.
Greek (B), four hours.
Greek (1), three hours.
Greek (1b), two hours.
Greek (3), three hours.
Greek (3b), two hours.
Demosthenes (8), three hours.
Biblical Greek (14), two hours.

Latin:

Livy (1), four hours.
Topography of Ancient Rome (1a), one hour.
Tacitus and Martial (3), three hours.
Satire (5), three hours.
Roman Letter Writing (9), two hours.
Latin Literature (11), two hours.

Archaeology:

General Antiquities of Greece. See Greek 1.
Rome: See Latin 1a.
Roman Archaeology (5), three hours.

French:

French (1), four hours.
French (3), three hours.
French (5), one hour.

German:

German (1a), three hours.
German (1b), one hour.
German (3), three hours.
German (5), one hour.
Teachers' course (7), one hour.

English:

English (1), four hours.
Chaucer (2), two hours.
Milton and His Contemporaries (4), four hours.
The Romantic Movement (5), four hours.
Advanced Composition (8), one hour.
Debating (12), two hours.

Mathematics:

Logarithms and Trigonometry (1), four hours.
Analytic Geometry (3), four hours.
Analytic and Graphic Statics (4), three hours.
Differential and Integral Calculus (5), four hours.
Theoretical and Applied Mechanics (7), three hours.
Fourier's Series (9), two hours.

Biology:

General Biology (1), four hours.
Histology (4), four hours.
Bacteriology (6), five hours.
Physiology (7), five hours.
Comparative Anatomy of Invertebrates (8), four hours.

Chemistry:

General Chemistry (1), four hours.
Quantitative Analysis (3), four hours.
Physical Chemistry (7), three hours.
Medical and Physiological Chemistry (5).

Mineralogy:

Mineralogy (1), four hours.

Physics:

Physics (1), five hours.
Physics (3), four hours.
Mathematical Theory of Electricity and Magnetism (5), three hours.
Laboratory Practice in Electricity and Magnetism (6), two hours.
Historical Development of Physical Science (8), one hour.

History:

United States History (1), four hours.
Ancient History (5), four hours.
Medieval History (6), four hours.
History (13), one hour.

Economics:

Economics (1), four hours.
Economics (3), four hours.
Economics (6), two hours.

Sociology:

Principles of Sociology (1), three hours.

Public Speaking (1), three hours.

Public Speaking (2), one hour.

Music, credit to be arranged.

Second Semester

Philosophy and Pedagogy:

Philosophy (2), four hours.
History of Education (4), four hours.
Philosophy (5), three hours.
Ancient Philosophy (7), two hours.

Bible:

The Bible as Literature (9), two hours.
Biblical Greek (14), two hours.

Greek:

Greek (A), four hours.
Greek (B), four hours.
Greek (2), three hours.
Greek (2b), two hours.
Greek (4), three hours.
Greek (4b), two hours.
Plato (11), three hours.
Greek Composition (12), two hours.
Biblical Greek (14), two hours.

Latin:

Horace (2), four hours.
Cicero (4), three hours.
Comedy (6), three hours.
Catullus (7), two hours.
Latin Literature (11), two hours.

Archaeology:

Greek Art (2), two hours.
Roman Archaeology (5), three hours.

French:

French (2), four hours.
French (4), three hours.
French (6), one hour.

German:

German (2a), three hours.
German (2b), one hour.
German (4), three hours.
German (6), one hour.
Teachers' Course (8), one hour.

English:

English (1), four hours.
Shakespeare (3a), four hours.
Tennyson and Browning (6), four hours.
Study of the Bible as Literature (9), three hours.
Teachers' Course (10), one hour.

Mathematics:

Algebra (2), four hours.
Analytic Geometry (3), four hours.
Differential and Integral Calculus (5), four hours.
Theoretical and Applied Mechanics (7), three hours.
Differential Equations (8), three hours.
Fourier's Series (9), two hours.

Biology:

General Botany (2), three hours.
Physiology and Hygiene (10), four hours.
Germs of the Home (9), two hours.
Biology of Vertebrates (3), four hours.
Embryology (5), two hours.

Chemistry:

Qualitative Analysis (2), four hours.
Quantitative Analysis (4), four hours.
Organic Chemistry (6), four hours.
General Geology (2), four hours.

Physics:

Physics (2), five hours.
Light (4), four hours.
Laboratory Course in Light (7), three hours.
Historical Development of Physical Science (8), one hour.

History:

History (4), four hours.
Modern European History (8), four hours.
History (13), two hours.
History (14), three hours.

Economics:

Economics (4), four hours.
Debating (5), two hours.
Economics (6), two hours.

Sociology:

Sociology (3), three hours.

Public Speaking (1), three hours.

Public Speaking (2), one hour.

Music, credit to be arranged.

DESCRIPTION OF COURSES

PSYCHOLOGY

Professor Hughes

An introductory course to the science of Psychology. Outlines with description and explanation of the phenomena of mental life. Some knowledge of Physiological Psychology is gained by the study of the relation between mental processes and nerve function, by the study of the gross anatomy of the nervous system, and by dissection of animal brains. The relation of Psychology to the principal problems of Philosophy, Education and Ethics is studied. Lectures, recitations, and the use of the reference library. Angell and James are used as texts.

First semester. Three hours, T., W., Th., 11:00.

PHILOSOPHY AND PEDAGOGY

Professor Mutch

1. **The Method of Nature.** The facts established by science, especially Biology, Anthropology and Psychology, will be examined for the general principles which they are able to contribute toward the interpretation of nature and life, and the molding of personal character. Lectures, text-books and assigned collateral readings will bring before the class the best modern thought upon the unity of nature, upon the ground, character and aim of that unity, and upon such continuous processes and laws as are found running up through various stages of development. The purpose of this course is to furnish the best view-point from which to comprehend life, as well as a needful preparation for further courses in Philosophy and Pedagogy.

First semester. Four hours. M., T., W., Th., 10:00.

2. **The Problems of Philosophy.** After a few preliminary lectures on the main divisions of the field of science, and their interrelations, a few of the larger problems of philosophy will be taken up as subjects for study and discussion. The more important diverse views of these subjects, together with those who have held them, will be studied. The instruction and practice

is intended to develop in the student the power of interpreting for himself that world of reality which science and experience has revealed, and of correlating his thought and life with that reality. This course should be preceded by the course on The Method of Nature, and if possible by work in Biology, Psychology and other sciences.

Second semester. Four hours. M., T., W., Th., 10:00.

3. **History of Education.** The important educational systems and movements of the past are examined in order to ascertain their origin, ideals and methods, their content, effect and relation to civilization. They are so treated as to furnish a concrete basis for general conclusions, and an understanding of the progressive development of educational science. Monroe's History of Education will be used as a text-book.

First semester. Four hours. T., W., Th., F., 9:00.

4. **The Principles of Education.** The ideals and principles of modern education will be treated constructively, with a view to establishing true standards for the ordering of one's own life and the growing life of youth in home and school. Lectures, text-books and collateral reading. While this course is particularly useful to all teachers, it is a study of the moral and mental constitution, such as will give vitality and meaning to any liberal education. It should follow the course on The Method of Nature, and if practicable also the course on History of Education.

Second semester. Four hours. T., W., Th., F., 9:00.

5. **Religious Education.** This course will consist of lectures on the psychology of religion, the ideals and methods of religious education in relation to character and to general education, the institutions involved, such as the home, the church and the school, and the conditions of their efficiency, the content and order of material for a curriculum, the principles of grading, and the art of teaching. While this is an independent course, it may also be regarded as an extension of the course on The Principles of Education. It should be preceded by the course on The Method of Nature. While it is useful for those who are engaged in religious education, it has primarily in view one's own personal well-being.

Second semester. Three hours. W., Th., F., 1:30.

6. **The Hebrew History-Prophets.** A survey of the main divisions of the Old Testament, the canon and the various types of interpretation, followed by a general view of the "Former Prophets" from a religious, historical and literary standpoint. A detailed study of the Books of Samuel for a mastery of the historical and biographical contents; estimates of Samuel, Saul and David, their characters and place in history; analysis of the religious, moral, social and political implications; and a coördination of the contents at every possible point with contemporary and related material. Lectures, text-book and written work. The aim is to gain an appreciative view-point from which to read the Old Testament, to furnish a good working basis for further study of it, and a practical experience in the accurate handling of extended passages in the English Bible.

First semester. Three hours. W., Th., F., 1:30.

7. **Ancient Philosophy.** The history of Ancient Philosophy from Thales to the time of the closing of the schools of philosophy, will be studied by lectures, assigned readings and reports.

Through the year. Two hours. M., T., 1.30.

THE BIBLE

Professor Taintor

9. **The Bible as Literature.** This course will treat the subject of Bible study entirely from the standpoint of literature. Its purpose will be to deal with some of the literary masterpieces of the Bible in the same way that other literature is dealt with.

Second semester. Three hours. T., W., Th., 9.00.

Professor Erickson

14. **Biblical Greek.** (a) Selections from the Septuagint; history of the Old Testament in Greek. (b) The New Testament.

Through the year. Two hours. Th., F., 2:30.

Professor Mutch

6. **The Hebrew History-Prophets.** A survey of the main divisions of the Old Testament, the canon and the various types

of interpretation, followed by a general view of the "Former Prophets" from a religious, historical and literary standpoint.

First semester. Three hours. W., Th., F., 1:30.

Professor Marston

5. **Jewish Institutions in the Time of Christ.** A preliminary study of the people, state, law, parties, education, to illustrate the principles of Jewish jurisprudence, particularly as they were put into practice by the Sanhedrin. A series of sixteen lectures closing with the trial of Christ from a legal point of view.

GREEK

Professor Erickson

An elementary course in Greek (A and B) is offered for students who have had no opportunity for the study of Greek in the High School but wish to take it up as a part of the College requirement in language. In the choice of selections and in the direction of the work due attention is given to the needs of students whose main work will lie outside the classics.

A. **Elementary Course.** The class will finish the beginners' book by Christmas and for the rest of the year read easy Attic prose.

Through the year. Four hours. M., T., W., Th., 10:00.

B. **Selections from Xenophon's Hellenica, from Lysias, Thucydides and Homer.** Prose composition.

Through the year. Four hours. M., T., W., Th., 9:00.

Students who have taken courses A and B, or entrance requirements in Greek, take up courses 1, 2, 3 and 4 in order, and after the completion of these may elect any of the more advanced courses.

1 and 2. **Freshman Year.** During the year the class will read several orations of Lysias, Plato's apology and Crito, Euripides, Alcestis and Medea, giving special attention to the conditions of life in Athens at the end of the fifth century. Systematic study of the grammar with prose writing.

Through the year. Three hours. M., T., W., 11:00.

1b and 2b. **Homer.** First semester, selections from the Odyssey; second semester, from the last books of the Iliad.

Homeric antiquities and poetry. May be taken with courses 1 and 2 or any year following.

Through the year. Two hours. Th., F., 11:00.

3 and 4. **Sophomore Year.** The authors read are Herodotus, Book VIII; Aeschylus, Agamemnon, Thucydides, The Sicilian Expedition. History of Greek Literature.

Through the year. Three hours. M., T., W., 1:30.

3b and 4b. **Sophicles, Antigone; Euripides, Bacchants; Aristophanes, Acharnians and Frogs.**

Through the year. Two hours. Th., F., 1.30.

8. **Demosthenes.** The oration on the Crown is read in class, parts of other orations are assigned for outside reading. The place of Demosthenes in the history of oratory is studied, also the policy of Demosthenes the statesman. As necessary for the latter a careful study will be made of the history of this period.

First Semester. Three hours. M., T., W., 2:30.

11. **Plato.** The class will read parts of the Republic and study the history of Greek philosophy to Plato.

Second Semester. Three hours. M., T., W., 2:30.

12. **Composition.** Advanced composition and sight reading; a topical study of the moods and tenses.

Second semester. Two hours. M., T., 8:00.

14. **Biblical Greek.** (a) Selections from the Septuagint; history of the Old Testament in Greek. (b) The New Testament.

Through the year. Two hours. Th., F., 2:30.

5. **The Greek Poets.** A knowledge of the language is not required in this course. The development of Greek poetry is followed from its beginnings to Roman times, with special attention to its influence on subsequent literature.

LATIN

Professor Clark

First Year

1. **Livy.** Selections from Books I and II or XXI and XXII. Prose Composition. Especial attention is given to syntax and to a study of the subjunctive mood. Prose work based

upon the text continues for about half the semester. Selections from I and II will be read in 1907-08.

First semester. Four hours. M., T., W., Th., 11:00.

1a. **Topography of Ancient Rome.** See Archaeology (3). This course accompanies I when Books I and II of Livy are read.

First semester. One hour. W., 7:00 p. m.

1b. **Roman Private Life.** See Archaeology (4). This course accompanies course I when Books XXI and XXII of Livy are read.

First semester. One hour. W., 7:00 p. m. Omitted in 1907-'08.

2. **Horace.** Odes and Epodes. Studies in the neighborhood of Rome.

Second semester. Four hours. M., T., W., Th., 11:00.

Second Year

3. **Tacitus and Martial.** Germania and Agricola; or Agricola and selections from the Annals. Selections from Martial at sight.

First semester. Three hours. T., W., Th., 10:00.

4. **Cicero.** Some one of the philosophical works. In 1908 the De Officiis will be read, with discussions upon the teaching of Cicero.

Second semester. Three hours. T., W., Th., 10.00.

The following advanced elective courses are open to those who have completed two years' work as outlined above.

5. **Satire.** Selections from Juvenal, Horace and Persius.

First semester. Three hours. M., T., W., 2:30.

6. **Comedy.** Selected plays of Plautus and Terence. Rapid reading course.

Second semester. Three hours. M., T., W., 2:30.

7. **Catullus.** Selections.

Second semester. Two hours. Th., F., 2:30.

9. **Roman Letter Writing.** Selected letters of Cicero and Pliny.

First semester. Two hours. Th., F., 2:30.

11. **Latin Literature.** The work includes (1) the translation of many selections from the work of the chief authors from Plautus to Gellius, with especial attention to inscriptions and fragments of old Latin; (2), the mastery of the Primer of Latin Literature; (3), the preparation of a paper upon some topic connected with the work. The Primer will be supplemented by a course of lectures upon the History of Roman Literature. Texts, Smith's Latin Selections, Wilkin's Primer.

Through the year. Two hours. M., T., 1:30.

12. **Teachers' Course.** The aim of this course is to aid those who are planning to teach Latin in the high schools. Lectures will be given upon Latin Grammar, Roman Antiquities, and Mythology. Considerable attention will be given to Latin writing. All of the more important questions in syntax will be carefully studied in connection with a review of Caesar, Cicero, Sallust, Ovid and Virgil. Open only to juniors and seniors who have had the Latin of the freshman and sophomore years, including 1a and 1b, and 11.

Through the year. Three hours. Omitted in 1907-'08.

Roman Archaeology. See Classical Archaeology and Antiquities 5.

CLASSICAL ARCHAEOLOGY AND ANTIQUITIES

Professors Clark and Erickson

The following courses are intended to supplement the work of the Classical department. They are well illustrated by the use of stereopticon and photographs:

1. **General Antiquities of Greece.** As a background for the study of the language and literature, a course of lectures will be given during the freshman year on such topics as the land and people of Greece, the Mycenaean age, the city of Athens, the Acropolis. See Greek 1.

2. **Greek Art.** An outline course. The primary object of this course is to familiarize the student with the important remains of ancient art and some of the principles of classic architecture and sculpture.

Second semester. Two hours. Th., F., 8:00.

3. **Rome.** This course traces the growth of the ancient city from its foundation to the fourth century, treating in detail the following portions: Roman Forum, Capitoline, Palatine, and Aventine Hills, fora of the Empire, buildings of the Campus Martius, triumphal arches, thermae, tombs, and other buildings and monuments of the city. See Latin 1a.

4. **Roman Private Life.** Lectures are given on the following subjects. The Roman name, the organization of the family, marriage and divorce, children—their nurture, amusements, and education; slaves, freedmen, clients, and hospitals; houses —their construction, decoration, furnishing; dress, daily and social life, theatre, circus, amphitheatre, and public baths; writing, manuscripts, and libraries; travel, arts and industries; religion, death and burial. See Latin 1b.

5. **Roman Archaeology.** A detailed study is made in this course of the ancient monuments in Rome and Pompeii and Roman Topography. Students are sent to the classical authors themselves first and then to the modern English writers for fuller descriptions. Many of the inscriptions in the Corpus, Vol. VI are read. Maps are drawn. Several hundred photographs and slides are studied.

Open only to juniors and seniors. Throughout the year. Three hours. M., T., W., 9.00.

In courses 3, 4, and 5, a laboratory fee of $1.50 is charged.

FRENCH

Professor Harwood

Associate Professor Farr

First Year

Professor Harwood

1. **French.** Fraser and Squair's Grammar; reading.

First semester. Four hours. Section 1: T., W., Th., F., 9:00. Section 2: M., T., W., Th., 11:00.

2. Continuation of 1 with an increase in the amount of reading.

Second semester. Four hours. Section 1: T., W., Th., F., 9:00. Section 2: M., T., W., Th., 11:00.

Second Year

Associate Professor Farr

3. **French.** Prose composition, one hour; study of a text on French literature, one hour; reading of a novel with oral and written exercises based on the portions read each week, one hour. French is the language of the class-room throughout the second year.

First semester. Three hours. T., W., Th., 10:00.

4. This course is pursued in the same manner as 3, with a change in the character of the reading.

Second semester. Three hours. T., W., Th., 10.00.

Third Year

Professor Harwood

5. **French.** This course is open to those who have completed 3 and 4. It consists of assigned readings from the works of modern novelists, with reports given in class. From one to three hours credit.

First semester. One hour. F., 11:00.

6. A study of the principal works of the seventh century, conducted in the same manner as 5.

Second semester. One hour. F., 11:00.

GERMAN

Professor Harwood

Instructor .....

First Year

1a. The object of this course is to increase the student's vocabulary by a variety in the style of reading, and to fix the vocabulary thus given by practice in composition and recitation in the German. The work for 1907 is as follows: Kron's "German Daily Life," one hour; Keller's "Bilder aus der deutschen Litteratur," one hour; reading of comedy or short story, with both oral and written exercises on the works read, one hour. Exercises in dictation given throughout the year.

First semester. Three hours. Section 1: T., W., Th., 9:00. Section 2: T., W., Th., 11:00. Section 3: M., T., W., 2:30.

1b. **Scientific Reading.** This course is especially designed for students in the scientific groups who have completed the required Academy German. It is also open to students in 1a.

First semester. One hour. F., 9:00.

2a. This course is arranged in the same manner as 1a.

Second semester. Three hours. Section 1: T., W., Th., 9:00. Section 2: T., W., Th., 11:00. Section 3: M., T., W., 2.30.

2b. A continuation of 1b.

Second semester. One hour. F., 9:00.

Second Year

Professor Harwood

3. Reading of the principal works of the modern novelists, Freytag, Rosegger, Keller, Heyse, Sudermann.

First semester. Three hours. T., W., Th., 8:00.

4. Reading of the works of the modern poets and dramatists, Scheffel, Wolff, Hamerling, Anzengruber, Wildenbruch, Hauptmann. Study of idioms, figures of speech, and also of the structure of the drama.

Courses 3 and 4 are conducted in the German.

Second semester. Three hours. T., W., Th., 8:00.

Third Year

Professor Harwood

5. A study of the life and principal works of Schiller. Assigned reading with reports given in class. From one to three credits.

First semester. One hour. M., 9:00.

6. A study of Goethe, conducted in the same manner as 5.

Second semester. One hour. M., 9:00.

Fourth Year

Professor Harwood

7. **Teachers' Course.** This course is open to students taking 3 or 5, or to those who have completed 3 and 4. The aim is to give those who intend to teach, a thorough review in grammar,

and additional practice in composition and conversation. Members of this class will be given opportunity to substitute in the Academy German classes.

First semester. One hour. F., 2:30.

8. A continuation of 7.

Second semester. One hour. F., 2.30.

ENGLISH

Professor Taintor

Instructor .....

First Year

1. **Composition Literature.** This is a full year course and no credit is given for less than a full year's work. The first semester is devoted chiefly to the study of the fundamental principles of composition and to practice in theme writing. The second semester is given to a general survey of English literature and to the reading of selections from prose writers and poets of the different periods. Moody and Lovett's History of English Literature will be used as a text-book. This course, as prerequisite to all other courses, should be taken in the freshman year.

First and second semesters. Four hours. Section 1: T., W., Th., F., 8:00. Section 2: M., T., W., Th., 10:00. Section 3: M., T., W., Th., 1:30.

2. **Chaucer.** The course is designed for those who desire a general acquaintance with Chaucer's poems, and an insight into the life of the fourteenth century. It consists chiefly of a reading of Chaucer's poems with frequent reports upon matters pertaining to his times. It requires no previous study of Middle English. Open to those who have had course I or its equivalent.

First semester. Two hours. T., W., 9:00.

3. **Shakespeare.** Includes the reading of the ten historical plays from King John to Henry VIII. Outside reading on the history of the times and written reports on assigned topics.

Second semester. Four hours. Omitted in 1907-'08.

3a. **Shakespeare.** Studies in selected plays. Hamlet, Othello, King Lear, Antony and Cleopatra and others.

Second semester. Four hours. T., W., Th., F., 11:00.

4. **Milton and his Contemporaries.** Special attention will be given to the reading of Paradise Lost, and of some of the more important shorter poems. The life of Milton and life of his time will be studied. Open to Juniors and Seniors.

First semester. Four hours. T., W., Th., F., 8:00.

5. **The Romantic Movement.** Studies in the poems of Wordsworth, Coleridge, Scott, Shelley, Keats. Assigned readings and reports.

First semester. Four hours. T., W., Th., F., 11.00.

6. **Tennyson and Browning.** Studies in the poems of Tennyson and Browning with the purpose of gaining an intelligent appreciation of their merits. It embraces a careful study of individual poems, outside readings, assigned reports.

Second semester. Four hours. T., W., Th., F., 8:00.

7. **British Nineteenth Century Poets.** This course is intended for those who cannot take the full courses 5 and 6. Page's British Poets of the Nineteenth Century will be used. Given in alternate years with 5 and 6.

First semester. Four hours. Omitted in 1907-'08.

8. **Advanced Composition.** Open to students who have had course 1 or its equivalent. Designed especially to aid those who wish to do more thorough work in composition. Short themes will be written each week. Attention will be given to the structure of the essay and oration. Aside from the weekly themes each student will be expected to prepare thoroughly two more extended pieces of original work.

First semester. One hour. F., 10:00.

9. **Study of the Bible as Literature.** This course will treat the subject of Bible study entirely from the standpoint of literature. Its purpose will be to deal with some of the literary masterpieces of the Bible in the same way that other literature is dealt with.

Second semester. Three hours. T., W., Th., 9:00.

10. **Teachers' Course.** Open to Seniors or those in the upper classes who are preparing to teach. The course is intended as a review of the College entrance requirements, with methods of teaching.

Second semester. One hour. F., 10:00.

11. **English Research.** This course is open, upon permission from the instructor, to students specializing in English who have not less than thirty hours of credit in their major studies. There is no class work; a definite and feasible subject is assigned to each student individually for original and constructive research under the supervision of the instructor. Blanks filled out to indicate the status of the research at successive stages are to be filed weekly.

Not less than two or more than five hours' credit will be given for one semester's work.

12. **Debating.** A study of the theory and practice of debate. Open to all College students. Text-book and practice.

First semester. Two hours. W., Th., 1:30.

Second semester. The work will be under Professor Marston. See course 5, Department of Economics.

MATHEMATICS

Professor Paine

Instructor .....

First Year. Mr. .....

1. **Logarithms and Trigonometry.** This course will cover the elementary theory of the trigonometric functions and the elements of logarithms. Special stress will be laid on practice in computation; the solution of triangles and the reduction of identities.

This course is prerequisite to all higher courses in mathematics.

Text-books: G. A. Wentworth's Plane and Spherical Trigonometry; J. M. Pierce's Elements of Logarithms; and J. M. Pierce's Mathematical Tables.

First semester. Four hours. Section 1: T., W., Th., F., 8:00. Section 2: M., T., W., Th., 10.00. Section 3: M., T., W., Th., 11:00.

2. **Algebra.** This course will consist of problems, recitations and a few lectures, in which the following subjects will be studied: the elementary properties of quadratic equations; proportion; geometrical series; choice; chance; the elements of

determinants and of the general theory of equations; graphical methods. Text-book: G. A. Wentworth's College Algebra, new edition.

Second semester. Four hours. The sections and hours of meeting as in Mathematics 1.

The following courses. Professor Paine

3. **Analytic Geometry.** In analytic geometry the student becomes acquainted with some of the methods and results of modern mathematics. Curves and surfaces are subjected to an algebraic analysis, which brings out and demonstrates their properties with clearness and power. As affording some insight into one of the great departments of human knowledge, an acquaintance with analytic geometry has been regarded as essential to a liberal education. Some knowledge of it is essential for the courses in calculus and mechanics.

Some of the topics studied in this course will be the straight line, the circle, the conic sections, and the general equations of the second degree, some higher plane curves, and the analytic geometry of three dimensions.

This course is open only to those who have had course 1, or its equivalent.

Text-book: Bailey and Wood's Plane and Solid Analytic Geometry.

Throughout the year. Four hours. M., W., F., 10:00.

4. **Analytic and Graphic Statics.** In this course as much of the mathematical theory of statics will be developed as is necessary for the solution of the kind of problems which arise in engineering. This part of the course will be based on the elements of the theory of *vector analysis,* developed by Cauchy and Koenigs in the middle of the nineteenth century.

The greater part of the course, however, will be devoted to the application of this theory to the stress-analysis of a variety of Trusses, Girders, Beams, Roofs, Cranes and Bridges.

Throughout the course, graphic and analytic methods of computation will be used, and a large number of problems, drawn mainly from engineering practice, will be solved by both methods.

Prerequisite: Course 3, or its equivalent.

First semester. Three hours. T., 10:00; Th., 9.00-11:00.

Additional hours for draughting.

5. **The Differential and Integral Calculus.** (First course.)

Courses 5 and 6 are an introduction to the theory of functions of a real variable, and embrace its elementary ideas and methods. Some of the topics studied in course 5 will be differentiation and integration of functions of a single variable; maxima and minima; points of inflection; differentials; curvature; the mean value theorem and limiting values; differentiation of functions of several independent variables; envelopes; series; Taylor's theorem; the integral as limit of a sum; problems in fluid pressure, center of gravity, moment of inertia. Throughout the course constant application of the principles studied will be made to geometry and applied mechanics.

Text-books: Granville's Differential and Integral Calculus; B. O. Pierce's A Short Table of Integrals, and a pamphlet, Infinite Series, by W. F. Osgood.

Through the year. Four hours. M., W., F., 9:00.

6. **The Differential and Integral Calculus.** (Second Course.) Omitted in 1907-'08. Courses 5 and 6 will be given in alternate years. Course 6 is a direct continuation of course 5. Some of the topics studied will be:

Various methods of integration, systematically treated; partial differentiation; definite integrals, change of variable; line integrals; elliptic integrals; double integrals; Greene's Theorem; surface integrals; multiple integrals; integration of total differentials; elements of the theory of plane and twisted curves; solution of some of the simpler total differential equations which occur in applied mechanics and engineering. The text-book will be Byerly's Integral Calculus, but constant reference will be made to the French texts of Tannery, Goursat, Picard, and Jordan.

The hours of meeting and credit will be the same as for course 5.

7. **Theoretical and Applied Mechanics.** This course is intended primarily for those who wish to become engineers, or who wish to enter upon mathematical work of a somewhat ad-

vanced nature. Some of the topics studied will be the following: 1. Kinematics; (a) kinematics of a point, (b) translations and rotations, (c) accelerations. II. Fundamental principles of mechanics, units of force, work and energy. III. Principle of virtual velocities. IV. Friction. V. Dynamics of a point: (a) right-line motion, (b) motion of projectiles, (c) central forces and the elementary theory of the planetary motions, (d) the problems of n bodies, (e) motion of a point on a fixed or moving curve, (f) motion of a point on a fixed or moving surface, (g) d'Alembert's Principle and the Principle of Least Action. VI. Dynamics of a rigid body, with special reference to work and energy, centers of gravity, moments of inertia, radii of gyration. Throughout the course constant application of the principles deduced will be made to practical problems, among which may be mentioned, angles of propulsion; friction in heavy shaft bearings, in railway brakes, and between water and bodies moving through it; tractive force; frictional resistance between ropes and pulleys; the inclined plane and screws; efficiency in machines; wheel gearing; friction gearing; energy of fly wheels; straining actions due to centrifugal forces. A great deal of stress will be laid on the solving of problems. No regular textbook will be used, but reference will be made to the works of Routh, Jamieson, Church and to Appell's Mechanique Rationnelle.

Mathematics 7 is open to those only who have had course 5, or its equivalent, and who have taken, or are taking, course 4.

Through the year: Three hours. T., 1:30-3:30, Th., 1:30.

8. **Differential Equations.** This course is open to those who who have taken course 5, or its equivalent, but it should be preceded when possible by course 6. It is recommended to students interested in pure mathematics, physics, or mechanical or electrical engineering. Some of the topics studied are: (a) Integration of differential equations of the first order; (b) integration of equations of higher order than the first and of systems of differential equations; (c) integration of linear differential equations by means of series or definite integrals; (d) integration of partial, linear, differential equations and of systems of such equations; (e) partial differential equations of higher order than the first.

Text-book: Forsyth's Treatise on Differential Equations, third edition. Reference will be made to the manuals of Murray and Boole, and especially to the third volume of the Lehrbuch der Differential-und Integralrechnung, by Serret and Harnack.

Second semester. Three hours. T., 10:00; Th., 9:00-11.00.

9. **Fourier's Series and Integrals and the Newtonian Potential Function.** This course is designed as an introduction to the theory of certain partial, linear, differential equations, spherical harmonics, and the potential function, with applications to the conduction of heat and to problems in electrostatics. It is recommended especially to students of physics and to those who intend to become mechanical or electrical engineers. Open to Seniors only.

Through the year. Two hours. M., W., 2:30.

Groups of Courses in Mathematics

I. For Freshmen: Courses 1 and 2.

II. For Sophomores: Course 3.

III. For Juniors: Courses 4 and 5.

IV. For Seniors: Courses 6, 7, 8 and 9.

Courses 5 and 6 are offered in alternate years. Consequently, on years when course 5 is offered, those members of the Sophomore class, intending to elect courses in Calculus, should take courses 3 and 5 together. This will give them an opportunity to elect courses 6, 7, 8 and 9 before they graduate. Such an arrangement, however, will be permitted to those only who have, during the summer preceding their Sophomore year, read pages 1-64 of Gibson's Elementary Treatise on the Calculus, and done the exercises they contain.

BIOLOGY

Professor Milliken

First Year

1. **General Biology.** This course is introductory to advanced biological courses. It also meets the needs of those who wish to get some knowledge of the general principles of biology without taking an extended course. The living substance, protoplasm, is first examined and its characteristics studied. Then a

detailed study is made of an animal, the earthworm, and of a plant, the fern. Emphasis is placed upon the fundamental points of resemblance of all living things, plants and animals. General Biology, Sedgwick and Wilson.

First semester. Four hours. M., F., 10:00. Laboratory, M., T., 1.30-3:30.

2. **General Botany.** A study of the classification of plants, their structures, and their activities. In the laboratory, examples of the principal groups of plants are studied and physiological experiments are performed.

Second semester. Three hours. F., 9:00. Laboratory, Th., F., 1:30-3:30.

10. **Physiology and Hygiene.** This course is open, without prerequisites, to all College students. Only enough anatomy is studied to give the necessary foundation for an understanding of the workings of the human body. Much of the time of the course is devoted to questions of personal hygiene and the public health. Lectures, demonstrations, and recitations, with a few laboratory exercises.

Text-book: The Human Mechanism by Hough and Sedgwick.

Second semester. Four hours. T., W., Th., F., 8:00.

9. **Germs in the Home.** The molds, yeasts and bacteria which occur in the home. The abundance of these organisms and their influence upon foods, health, etc., make their study one of general interest. The work of the course is mainly laboratory work which involves but little drawing.

Second semester. Two hours. M., 8:00; F., 11:00. Laboratory, F., 1:30-3:30.

3. **Biology of Vertebrates.** This course is designed to give an idea of the life history of vertebrates. The frog is taken as a type and a fairly complete study is made of its natural history, anatomy, physiology, and development. Instinct, intelligence, adaptation to environment, etc., are also discussed. Prerequisite: Biology 1. (Biology of the Frog, Holmes.)

Second semester. Four hours. M., 9:00; F., 10:00. Laboratory, M., T., 1:30-3:30.

Second Year

4. **Histology.** The student who has completed course 3 on the gross anatomy of animals is prepared to study the microscopic structure of the various tissues. Each student prepares sections, stains, and mounts tissues, and makes drawings from his own preparations and from slides belonging to the department. Prerequisite: 3.

First semester. Four hours. M., 11:00. Laboratory, T., W., Th., 1:30-3:30.

6. **Bacteriology.** This course is intended to give training in bacteriological technique and to give a knowledge of the principles of bacteriology. The characteristics of a number of typical bacteria are worked out in detail and then the names of unknown species are determined. Experiments are performed illustrating the physiological characteristics of bacteria. Quantitative analyses are made of air, milk, water, etc.

First semester. Five hours. Th., 9:00 Laboratory, M., 8:00-10:00; W., Th., F., 1:30-3:30.

5. **Embryology.** Work is confined to the embryology of vertebrates, the frog and the chick serving as types. The laboratory is provided with an incubator and each student makes preparations of the different stages of development of the types studied. Prerequisites: 3.

Second semester. Five hours. M., Th., 11:00. Laboratory, M., T., W., 1:30-3:30.

7. **Physiology.** This course is especially valuable to those intending to study medicine. It will also be found helpful by students intending to teach and by those taking courses in psychology. Howell's Text-book of Physiology is used as a text. Demonstrations are given from time to time and laboratory work is done. Prerequisite: 3 or 10.

First semester. Five hours. T., W., Th., 8:00. Laboratory, F., 8:00-12:00.

8. **Comparative Anatomy of Invertebrates.** The anatomy, and to some extent, the physiology, of invertebrate animals is studied. Dissections and drawings are made of representatives of the most important classes of invertebrates. Prerequisite: General Biology 1.

First semester. Four hours.

CHEMISTRY

Professor Gilman

First Year

1. **General Chemistry.** This is a course in elementary, inorganic Chemistry, with Laboratory work. It embraces a study of Fundamental Laws, and the non-metallic elements and their compounds. Descriptive and experimental lectures, recitations, quizzes, problems. This course should be preceded by a course in Elementary Physics.

First Semester. Four hours. T., Th., 10:00. Laboratory, Section 1: W., 1:30-3:30; F., 10:00-12:00. Section 2: Th., F., 1:30-3:30.

2. **Qualitative Analysis.** This is a continuation of course 1. A careful investigation of the metallic elements and their compounds is made during the first part of the semester, and the remainder of the time is devoted to Qualitative Analysis.

Second semester. Four hours. T., Th., 10:00. Laboratory, Section 1. W., 1:30-3:30; F., 10:00-12:00. Section 2: Th., F., 1:30-3:30.

Second Year

3. **Quantitative Analysis.** Gravimetric and volumetric methods. The determinations of simple compounds and separations of mixed substances.

Prerequisite: Chemistry 2.

First semester. Four hours. T., Th., 11:00. Laboratory, M., W., 10:00-12:00.

4. **Quantitative Analysis.** This is a continuation of course 3.

Special applications of volumetric analysis; analysis of alloys, mineral and water analyses.

Prerequisite: Chemistry 3.

Second semester. Four hours. T., Th., 11:00. Laboratory, M., W., 10:00-12:00.

Third Year

7. **Physical Chemistry.** An elementary course based upon Walker's Introduction to Physical Chemistry as a text. The laws of gases, substances in solution, theory of ions, and the principles of electro-chemistry. Recitations and lectures.

Prerequisite. Chemistry 4 and Physics 1 and 2.

First semester. Three hours. M., W., F., 8:00.

6. **Organic Chemistry.** A course in general organic chemistry. Lectures, recitations, and laboratory work. Fatty and Aromatic series with special reference to the more important hydrocarbons and their derivatives.

Prerequisite: Chemistry 3.

Second semester. Four hours. M., W., 8:00. Laboratory, T., Th., 8:00-10:00.

Fourth Year

5. **Medical and Physiological Chemistry.** A technical course for those who are preparing for the medical profession. This includes advanced organic Chemistry, the examination of blood, testing of milk, and urinary analysis.

Prerequisites: Chemistry 3, and Biology 1 and 7, the amount of credit and other details to be arranged by conference with the instructor.

First semester.

8. **Research work**, designed for students who desire to prepare a baccalaureate thesis in Chemistry, or wish to do graduate work. Special subjects, and the number of hours to be arranged upon consultation with the instructor.

GEOLOGY

Professor Gilman

1. **Mineralogy.** This course includes Crystallography, blowpipe analysis, and descriptive Mineralogy. The laboratory work consists of a study of the common rock-making minerals with reference to their chemical composition, optical properties and action under the blowpipe.

Prerequisites: Chemistry 1 and 2, and Physics 1 and 2.

First semester. Four hours. T., W., Th., F., 9:00.

2. **General Geology.** The object of this course is to make a study of structural and dynamical Geology with special reference to the geology of Wisconsin.

Chamberlain and Salisbury's text will be supplemented by work in the library, and by field work, as far as time permits. Individual work on selected themes is required.

Prerequisites. Chemistry 1 and 2, and Biology 1.

Second semester. Four hours. T., W., Th., F., 9:00.

PHYSICS

Professor Barber

1. **Mechanics, Molecular Physics and Heat.** The object of this course in General Physics is to give the student a thorough grasp of a few fundamental principles underlying the science. It aims to introduce him to the very heart of the subject by putting him in touch with the methods and instruments of modern physical investigation. An intimate connection between the lecture, class room and laboratory work is maintained by establishing an immediate and vital connection between theory and experiment. In this connection references to the subject, in the library and in the several scientific magazines, are assigned. Students are encouraged to consult the literature on the subject.

In the laboratory experiments are made incidental to the study of principles by omitting all purely manipulative experiments and other experiments which have the same underlying general principle. In addition, the laboratory work aims to present the subject as a science of exact measurement. The apparatus used was designed with especial reference to its ability to yield accurate results in the hands of average students. The quantity sought is obtained by two distinct methods and the results compared.

Text: Millikan: Mechanics, Molecular Physics and Heat.

First semester. Five hours. T., Th., 8:00. Laboratory, M., W., F., 8:00-10:00.

Prerequisites: Trigonometry.

2. **Electricity and Magnetism, Sound and Light.** The method of treatment here is the same as in course I, of which it is a continuation. As each subject in courses I and II is completed, demonstration lectures will be given upon topics not considered in the laboratory. These will include Static Electricity, Radiation, Polarization of Light, etc. Watson's Text Book of Physics will be the basis of this part of the work.

Text: Millikan. Electricity and Megnetism, Sound and Light.

Second semester. Five hours. T., Th., 8:00. Laboratory, M., W., F., 8:00-10:00.

Prerequisite: Course I.

3. **Molecular Physics and Heat.** The aim of this course will be to give a comprehensive view of the science of heat in its theoretical and experimental aspects; consequently much of the recent work in this subject will be discussed.

The experiments are selected to illustrate general principles only.

Text: Edser's Heat for Advanced Students.

First semester. Four hours. M., W., 10:00. Laboratory, Th., F., 1:30-3:30.

Prerequisite: Physics Courses I and II. Calculus recommended but not required.

4. **Light.** Geometrical and Physical Optics will be treated in considerable detail. Under the former head, some of the most important optical instruments will be studied; under the latter the wave theory of light will be developed.

A large number of illustrative experiments will be worked in the laboratory, where a large, well-equipped dark room is provided.

Text: Edser's Light for Students.

Second semester. Four hours. M., W., 10:00. Laboratory, Th. F., 1:30-3:00.

Prerequisites: Physics I and II.

5. **Mathematical Theory of Electricity and Magnetism.** This course is designed to give a mathematical treatment of the phenomena of electricity and magnetism.

Text: J. J. Thompson's Elements of Electricity and Magnetism.

First semester. Three hours. M., W., F., 11:00.

Prerequisites: Physics I and II, and Differential Calculus.

6. **Advanced Laboratory Practice in Electricity and Magnetism.** This laboratory course will consist of several quantitative experiments which have been selected with the object of

illustrating the general methods of measurements in use today in commercial work in electricity and magnetism. Explanations and demonstrations of the principles involved in each experiment are carefully discussed. Numerous references to original sources of information are also given.

Text: Carhart and Patterson's Electrical Measurements.

First semester. Two hours. Laboratory, T., W., 1:30-3:30.

Prerequisites: Physics I and II, Analytical Geometry and Calculus.

7. **Advanced Laboratory Course in Light.** The course will be occupied with accurate measurements in diffraction, dispersion, interference and polarization, giving the student the ability to make accurate and practical optical measurements. It especially recommends itself to those who desire to enter into optical investigation. Every experiment is preceded by a brief discussion of the theory involved, with reference to the best texts on the Theory of Optics.

Text: Mann's Manual of Advanced Optics.

Second semester. Three hours. Laboratory, M., T., W., 1:30-3:30.

Prerequisites: Physics I and II.

8. **Historical Development of Physical Science.** The work in this course will be of the nature of a seminary course. The aim will be to familiarize the students with the literature of the subject and to gain some definite ideas of its historical development.

Through the year. One hour. T., 11:00.

HISTORY

Professor Marston

Associate Professor Farr

Courses 1, 5, 6, 7a and 8 are required of those making History their major. Course I in United States History must precede all other courses in American History. The work will be carried on by means of text-books, lectures, reports and required readings. Oral and written quizzes and separate and final examina-

tions are held on both texts and lectures. The minimum requirement of reading, exclusive of the text, is twenty-five pages a week for every unit of credit.

AMERICAN HISTORY

Professor Marston

1. **United States History.** A general survey of the social, economic and political history of the United States. Lectures on the origin and growth of political parties.

Texts: Epochs of American History.

First semester. Four hours. T., W., Th., F., 8:00.

2. **Westward Expansion.** A study of westward migration, and the social, economic and political aspects of the formation of American commonwealths west of the Alleghany mountains. It embraces a study of the organization of a public land system; communication and transportation; evolution of the American frontier, and the part the West has played in our national development. Omitted 1907-8.

4. **Diplomatic History of the United States.** This will be a study of the international relations of the United States from 1775 to the present day, including such topics as the following: Treaties relative to American commercial relations between various countries; foundations of a national foreign system in 1775; committee of foreign relations; embassies to Europe; French alliances; Spanish territorial diplomacy; the purchase of Louisiana; the northeast and northwest boundaries; the fisheries; the Isthmian canal; the Hague conference; lectures on American treaties.

Second semester. Four hours. T., W., Th., F., 8:00.

12. **American Development.** A sociological interpretation of the history of the United States. It will consist of a study of the political or governmental, economic, intellectual and religious interests in their associational process in order that the student may secure as complete an understanding as possible of American development and American problems.

Omitted 1907-8.

13. **Seminar in American History.** This course is designed to familiarize the student with the elements of historical method,

investigation, criticism and the use of sources. For this part of the work Langlois and Seignobo's "Introduction to the Study of History" is used as a manual. The student will embody the results of his study of method in an assigned topic for investigation, part of which, at least, must be from source material.

Through the year. One hour attendance and two hours credit. M., 8:00.

ASIATIC HISTORY

Professor Marston

11. **Contact between Occident and Orient in the Nineteenth Century.** India, China and Japan will be given particular attention. The chief factors which have gone to make up both the Near and Far Eastern question will be carefully examined with reference to race and religion, the policies of the great powers, as well as the interests and ambitions of the minor states most likely concerned. The lectures will cover such topics as: The mental outfit of the Asiatic and his habitual views of life; a comparison of the Asiatic with the western mind; the historic influences of Europe upon Asia, and of Asia upon Europe, etc.

Omitted 1907-8.

EUROPEAN HISTORY

Associate Professor Farr

5. **Ancient History.** A brief outline of Oriental history, and a more particular study of Greece and Rome. Given in 1907-8 and alternate years.

First semester. Four hours. T., W., Th., F., 9:00.

6. **Mediaeval History.** A general survey of the history of continental Europe from the barbarian invasion to the close of the fifteenth century.

Texts: Thatcher and Schwill, Europe in the Middle Age; and Adams, Civilization During the Middle Age.

First semester. Four hours. M., T., W., Th., 11:00.

15. **The Renaissance and the Reformation.** To be studied not only as intellectual or religious movements, but also with regard to their vast political and social influence.

Omitted 1907-8.

8. **Modern European History.** A general survey extending from the close of the fifteenth century to the present day.

Texts: Schwill, Modern European History, and portions of Signoba's Political History of Europe since 1814.

Second semester. Four hours. T., W., Th., F., 9:00.

14. **France under Richelieu and Louis XIV.** A study of the rise of France to the first place in the councils of Europe, and of its institutions and social conditions during that period, including the elements of weakness which presaged its decline.

Second semester. Three hours. T., W., Th., 11:00.

7a. **English History.** A general survey of the political, social and economic history of England. Terry, A History of England.

7b. **English History.** A continuation of course 7a, giving two hours additional credit for extra reading and research. Open to those only who are taking course 7a.

Omitted 1907-8.

9a. **English Constitutional History.** From the earliest time to the present day. The design of the course is to explain the origin and development of the English constitution.

Prerequisite: Course 7a. Text: Medley, English Constitutional History.

Omitted 1907-8.

9b. **English Constitutional History.** A continuation of course 9a, giving one hour additional credit for extra reading and research. Open to those only who are taking course 9a.

Omitted 1907-8.

16. **Nineteenth Century from 1815 to the Present Day.** This course will include not only strictly European affairs but also the world-wide expansion of the territory and interests of the nations of Europe.

Omitted 1907-8.

ECONOMICS

Professor Marston

Course 1 is not open to freshmen. It must precede all other courses and is required of those taking their major in history. The work will be carried on by means of text-books, except

courses 5 and 6, lectures, discussions, reports and required readings. Oral and written quizzes and separate and final examinations are held on both texts and lectures in all courses. The minimum requirement of reading, exclusive of the text, is twenty-five pages a week for every unit of credit.

1. **The Principles of Economics.** A general survey introductory to all other courses in economics. Its purpose is to acquaint the student with fundamental principles; to open up the field for a more detailed and extensive study, and to offer such rules and principles as are contributed to business success by the science of economics.

Text: Felter, Principles of Economics.

First semester. Four hours. T., W., Th., F., 9:00.

2. **Principles of Public Finance.** A general course embracing (a) Public Expenditures, their nature, classification and relation to public welfare; lectures. (b) Public Revenues, their classification, nature and characteristics. Taxation will receive particular attention. Its nature, principles, sources, limits, incidence and influence, and in the study of its particular forms, as the general property tax, income, inheritance and business taxes. (c) Public Credit; when and how employed; contraction of public debts, their classification, flotation, conversion, funding and redemption. (d) Financial Administration; the budget, its preparation, form and composition; collection of revenue; war financiering. Text: Adams, Finance.

Omitted 1907-8.

3. **Economic Problems.** This course embraces a study of labor and capital; free trade and protection; immigration; industrial crises; transportation and railroad rates; the trust problem and municipal ownership. Taussig, Tariff History of the United States, and Adams and Sumner, Labor Problems, will be two of the texts used.

First semester. Four hours. T., W., Th., F., 11:00.

4. **Money, Credit and Banking.** An examination of value and functions of money; standards of value; currency systems of the world; a review of the positions of the bimetallists and the quantity theorists; systems and coinage of metallic currency; credit, credit documents; paper money, convertible and incon-

vertible notes; clearing houses; foreign exchanges; banks and banking; modern currency problems; foreign banking systems.

Second semester. Four hours. T., W., Th., F., 9:00.

5. **Debating.** The work will consist of collecting, analyzing, arranging and presenting, in logical form, statistics and material pertaining to public questions of present day interest. The number enrolling for this course will be limited.

Second semester. Two hours. W., Th., 1:30.

First semester, Professor Taintor. See course 12, Department of English.

6. **Economic Seminar.** The course is designed to afford training in economic investigation and practice in the use of sources. Each member of the class is expected to complete some single topic, embodying the results of his special research, and present it in the form of a written thesis for criticism and discussion. The course is opened to a limited number of advanced students. The field from which topics are chosen will vary from year to year.

Through the year. One hour attendance and two hours credit. Th., 10:00.

SOCIOLOGY

Professor Luehring

1. **Principles of Sociology.** A general course in the foundations and principles of Sociology. It will include a careful study of social origins, social structure, social activities, social organization and the social process. It embraces also a study of the nature of society in concrete forms. The leading sociological theories will be considered.

First semester. Three hours. T., W., Th., 9:00.

2. **Sociological Survey of Christian Missions.** Embraces a study of the sociological scope of Christian Missions, the social evils of the non-Christian world, and a consideration of the contribution of Christian Missions to social progress.

First semester. Three hours. Omitted in 1907-8.

3. **The Unsocial Element in Modern Society.** A study of the dependent, defective and delinquent classes; the nature, causes, extent and social significance of poverty, vice, crime,

pauperism, physical disability and social inactivity; charitable, reformatory and preventive institutions will receive careful attention in order to acquaint the student with the best modern methods of dealing with these classes.

Second semester. Three hours. T., W., Th., 9:00.

4. **Socialism and Social Reform.** The theory and history of socialism, communism and other schemes of social reformation; socialistic movements and communistic experiments; the leading socialistic theories, and a study of present day socialism from a socialistic standpoint.

Second semester. Three hours. Omitted in 1907-8.

PUBLIC SPEAKING

Miss Wyman

Expression. A course in the theory and practice of voice culture and vocal expression, conducted by means of lectures and by individual criticism of each student's work.

Through the year. One hour. Th., 4:00.

MUSIC

Professor Meier

Advanced work in Music, as outlined in the Conservatory Courses, is credited as college electives. The maximum of credit will be eight semester hours.

ACADEMY

The Academy gives to students of the high school age thorough training in preparation for the freshman class of Ripon College or at any other college, university or technical school of the North Central states.

The peculiar advantages of the Academy courses may be summarily outlined as follows: The work is arranged with special reference to college admission requirements and properly qualified students may complete the course in three years. Younger students or those whose previous training has been deficient will need more time. All facilities of the College are open to preparatory students; they use the college libraries and laboratories; their courses are under the supervision of trained specialists in the college departments; and finally, they share largely in the social life and privileges of the more advanced college classes. Membership in the college literary, athletic and religious societies, as well as the use of the libraries, laboratories, dormitories, gymnasium, etc., is open to them. In this way a rare opportunity is presented for preparatory training under the most favorable social and intellectual conditions. The Academy diploma is given to those who complete the course.

EXPENSES

Tuition and incidentals per semester or half year, $20.

This includes fee for Library, Gymnasium and all incidental fees except the charge for material used in laboratory courses.

For full information regarding expenses, the dormitories and the commons, see under the proper headings in the College Catalogue.

COURSE OF STUDY

The course of study is arranged to meet the entrance requirements of the College, and the requirements for graduation from the Academy are the same as for college entrance, viz.: credit to the amount of fourteen units or year courses of study as defined on page 36 of this catalogue. These fourteen units must include two units of English, two units of mathematics, one of history, one of science, and four of one foreign language or two

units in each of two languages. The four additional units required may be taken at the option of the student from the following list: English, one unit; science, two units; history, one unit; foreign language, two units.

The term unit means the equivalent of five recitations a week for one year in one branch of study.

ENGLISH

This consists of a study of the College entrance requirements, arranged in grade from year to year to suit the varying needs of each class. A large amount of training is given in the fundamentals of English prose composition; and the standards set for entrance to the freshman class is rigorously maintained.

Two units of credit are required for the completion of the Academy course.

LATIN

First Year

Collar and Daniel's First Year Latin Book. Easy selections will be read for the remainder of the year after the beginning book is finished, accompanied by a study of the fundamental principles of Latin syntax.

Second Year

The first two books of Caesar's Gallic War should be completed by the holiday vacation. Sallust's Catiline is used as an introduction to Cicero. The four orations of Cicero against Catiline, and the one on behalf of the Poet Archias are usually read. Prose composition accompanies the work in Caesar and Cicero.

Third Year

Six books of Virgil's Aeneid are read, together with a study of the Myths which are intimately connected with the development of the theme of the poem. One of the shorter philosophical works of Cicero is usually read.

GREEK

The Academy offers a two-year course in elementary Greek. The work of the first year includes the beginner's book; Colson's

reader and eight chapters of the Anabasis with prose composition. In the second year, first semester, the study of the Anabasis and composition is continued with constant drill on inflections and syntax. During the second semester the class reads selections from the first six books of the Iliad, an amount equal to four books.

GERMAN

(a) The object of this course is to give the student a thorough foundation in the elements of the language. Thomas' Practical German Grammar, Part One, is used as a text.

Reading, dictation and conversation are given. Memorizing of selections in prose and verse required. First semester.

(b) This course is a continuation of (a). Prose composition based on the text read follows the grammar. Second semester.

(c) The work of this course is similar in character to (b). More difficult texts are read and a greater variety of style in literature given to increase the vocabulary. First semester.

(d) Continuation of (c). Second semester.

HISTORY

The following courses or units in history are offered in the Academy: Ancient History to the year 800 A. D., Medieval and Modern English History, United States History.

It is understood that any of the above courses or units will include a modern text-book, such as West or Balaford in Ancient History, Myers (late work) or West in Medieval and Modern History, and Chenning or McLaughlin in United States History. It is also to include a considerable use of the reference library.

MATHEMATICS

Elementary Algebra (a and b), one unit. Plane Geometry (c), first semester, one-half unit.

Solid Geometry (d), second semester, one-half unit.

PHYSICAL GEOGRAPHY

The work in this course follows that outlined in Davis' Elements of Physical Geography, which is used as a text. The geological formations of Ripon and vicinity offer excellent oppor-

tunity for field excursions, and the excellent scientific equipment of the College makes it possible to do some interesting experimental work.

First semester, one-half unit.

BOTANY

The excellent equipment of the Biological department of the College makes it possible to give in the Academy a very thorough course in elementary botany. A large amount of laboratory work is supplemented by field excursions, recitations being used to bring out clearly the relations between the facts which are learned. Bergen's Foundations in Botany is used as a text. Laboratory fee, $2.00.

Second semester, one-half unit.

CHEMISTRY

Students in the Academy may pursue the course in General Chemistry, and receive one unit credit, if they are prepared for the work. It will be to the advantage of the student if he has had a course in elementary Physics.

PHYSICS

The course in Physics is a logical presentation of the subject matter accompanied by a closely correlated set of laboratory exercises. The human interest in the subject is maintained by occasional references to the historical development of different phases of the work.

A record of the fifty required laboratory experiments is kept in a bound laboratory note book.

Text: Millikan and Gale: A first Course in Physics.

Laboratory Manual: Millikan and Gale: A Laboratory Course in Physics.

CONSERVATORY OF MUSIC

Theo. F. Meier, Director

The work of the Conservatory is complete in scope and systematic in arrangement, and the equipment is in every way adequate to the highest standards of musical instruction. The following are the courses offered:

1. Piano.
2. Violin.
3. Voice Culture.
4. Pipe Organ.
5. Theory and History of Music.

Students may take one or more of these courses, but such work will be credited as either:

I. A course of General Music Instruction, or

II. The Artist's course, leading to Certificate of graduation.

Course I is open to those wishing to pursue elementary musical study or to prepare for the more advanced courses offered. No previous knowledge of music is required.

No diploma will be given in this course, but those who have done creditable work will be given a certificate of merit.

Course II. Students taking this course are required to pursue the study of harmony and musical history in connection with their main work (Piano, Violin, Voice Culture, or Organ). The time required to finish this course is determined by the needs and the advancement of the individual student. All students must have some ability on the piano to gradute.

NORMAL TRAINING FOR PIANO TEACHERS

The Conservatory also provides a course in Normal Training for advanced piano students who wish to secure a teacher's certificate. This course consists of a series of talks on the art of teaching piano technic and the aesthetics of the piano; it affords at the same time, as a most valuable feature, opportunity to teach and of thus putting into practice the theoretical knowledge gained.

PIANO, VIOLIN AND ORGAN

Professor Meier

The material for study and musical recreation is chosen with the greatest care and with a view to having a good foundation for advanced and artistic work. All the details regarding correct position of the player and his hands and fingers receive the most careful attention, and great stress is laid upon the kind of practice which will tend to place the technique upon a good, sound basis. To do this the needs and the disposition of the individual student must in every case suggest the material to be used, and this includes the best musical literature of the old as well as of the modern school. As the needs of the students vary considerably it is impossible to prescribe a definite course of work. In all cases a great many works must be studied in order that a graceful, intelligent and expressive style of playing may be acquired.

Ensemble Playing. With the advanced students in piano and violin playing, classes are formed for the study of the standard compositions in Chamber Music. Most valuable experience is gained in playing with others and in interpretation, that can be acquired in no other way. There is no charge for this work.

The Orchestra. The Conservatory Concert Orchestra affords the students an opportunity of becoming familiar with some of the best orchestral works, and most valuable experience in orchestra playing.

THEORY AND HISTORY OF MUSIC

Professor Meier

The course in theory includes Harmony, Counterpoint, Canon and Fugue, Musical Form and Analysis, and Musical History.

VOICE CULTURE AND SINGING

Florence L. Milliken

The Italian Method is Used. A tone first pure and then powerful and an artistic ease and simplicity of style are among the chief results sought. The instruction is adapted to individual needs, seeking first to instill a clear idea of a good musical tone, and then helping the pupil to overcome his especial difficulties in producing that tone.

The emphasis placed upon a correct mode of breathing and the muscular development of the throat, while serving as the best foundation for vocal proficiency, are valuable also as a means of health. For this reason the course commends itself to all students.

The Vocal exercises used are those of Concone and of Marchesi. Songs and advanced musical training will be presented as the voice reaches the requisite state of development.

SIGHT SINGING AND CHORUS WORK

Opportunity is furnished to practice Sight-singing. As all absolute, or instrumental, music is based on singing, it is expected that all music students will avail themselves of this opportunity.

EXPENSES

The year for the Conservatory pupils is divided by the Christmas and Spring vacations into three terms of fourteen, twelve and ten weeks each. Private lessons are thirty minutes in length. Cost of instruction can be lessened by students joining in classes of three. These classes are given one hour, each student receiving twenty minutes undivided instruction and what he may gain from the remaining forty minutes given the other two students. Students are in most cases advised to take two lessons each week as it ensures continuity in the work and the most satisfactory results. Students taking two private lessons per week are admitted to a class in Harmony without extra charge. Private lessons in Theory are charged at the same rate as other private lessons.

Tuition is payable one-half at the beginning and the remainder at the middle of the term. Two lessons per week are given unless otherwise stated.

FALL TERM OF FOURTEEN WEEKS

BEGINNING SEPTEMBER 11, 1907

Piano, Voice, Violin and Organ

Private lessons	$35.00
Classes of three, each	24.00
Private lessons, one per week	21.00

Theory and History of Music, one hour lesson per week, in class of six or more, each	10.50
Sight-singing in class, to students taking other work in College, each	2.50
To students not taking other work, each	6.00
Rental of Instruments:	
Piano rent, six hours per week	3.50
Rent for pipe organ, three hours per week	4.20

For the Winter and Spring terms of twelve and ten weeks, respectively, the tuition is computed on the basis of the above table.

GENERAL INFORMATION

Non-resident music students are under the same regulations as students in other departments of the College.

New students may enter at any time, without loss, as most of the instruction is private.

No deduction is made for absence from lessons, except in cases of protracted illness, in which case the School will share the loss equally with the pupil.

Students wishing to perform in public must consult the teacher.

All pupils are required to be present at each recital, concert, and lecture, unless excused by the Director.

Students of the Conservatory have use of the College Dormitories and of the College Commons, where good rooms and board can be secured at moderate cost.

DRAWING AND PAINTING

FREEHAND DRAWING

Line and shadow in charcoal, pencil, pen and ink, and other medium, from ornament, casts, still-life and life.

Freehand Perspective, Sketching and Still-life. Lectures are given on freehand perspective and students make application of principles in the sketching of objects, interiors, exteriors and street scenes, followed by landscape composition and out-of-door sketching. Drawing of plant-form and still-life groups in charcoal and color for the study of composition and values is an important part of this subject.

Design and Composition. Instruction is given in the fundamental principles of constructive, decorate and pictorial art. Students work out original studies in space and line composition, showing proper distribution of light and dark and harmonious schemes of color.

Oil and Water-Color. Color values and harmony are considered through the medium of water-color, using plant-form, still-life and landscape as subjects. The directness required to use the medium successfully develops quickness of perception, while the judgment is trained to select and arrange in orderly sequence the essential elements to be expressed pictorially. This power of selection and arrangement has a distinct educational value.

HISTORY OF ART

A course of lectures on the history of artists and their works. A series of lectures for 1907-'08 discussing Egyptian, Assyrian, Greek, Roman, Byzantine, Romanesque, Gothic. In these lectures the history and conditions of the times and causes leading to special phases in the evolution of Art, are treated. These lectures will be given Saturday afternoon from four to five.

CERAMIC COURSE

The department is well equipped, having one of the largest and best kilns made, therefore avoiding the trouble of sending the china away to be fired. The very latest methods are taught.

One of the large and pleasant rooms in East College is assigned for this work, which is done under the immediate supervision of the instructor.

The instruction in practical ceramics will cover processes and materials, the practical applications of designs to different forms, the use of mediums and the method of firing.

Expenses of the course in drawing, painting and ceramics:

One lesson per week, each half year.....$15.00
Two lessons per week, each half year..... 27.00

Pupils completing the above courses will be granted diplomas.

NORMAL ART COURSE

The work in the department of Drawing and Painting will be adapted to the needs of the teacher in the public school.

COST OF INSTRUCTION

The school year is divided into two semesters, corresponding with the College. Tuition fees are payable in advance, are not refunded, and are not transferable. Private lessons, lost by sickness, are made up at the convenience of the teacher.

First year students, each half year.....$30.00
Second year students, each half year..... 40.00

PUBLIC SPEAKING

Miss Wyman

During the coming year the school will offer the following courses of instruction:

1. Teachers' Course.
2. Public Speakers and Readers' Course.
3. General Culture Course.

This department attempts to develop the students in facility of literary interpretation and in power of expression. The different branches of the work include physical training, voice training and literary interpretation. The full course requires three years, but shorter courses may be taken. The student who takes the full course will be thoroughly prepared for work in orations, debates and all public speaking.

Time Required. Length of time required to complete the various courses is as follows:

Teachers', three years; Public Readers and Speakers', three years; General Culture, two years.

First year students in any one of these three courses will be required to take ten hours of regular class work in the School of Public Speaking, and five hours in the College, per week, each half year, and will be given twenty half-hour private lessons each half year.

Second year students will be required to take twelve hours of regular class work per week in the School of Public Speaking, and four hours in the College each half year, and will be given twenty half-hour private lessons each half year.

Third year students will be required to take fifteen hours' work in the School of Public Speaking, and will be given seventy-five half-hour private lessons each half year.

Recitals are held at regular intervals during the year, to which the public is invited. It is the aim to have as many artists appear before the school as possible, in order that the pupils may have a high ideal.

Diplomas will be granted pupils finishing the work in the three-year courses. Certificates showing amount of work done will be given to pupils finishing the two years' course.

COST OF INSTRUCTION

The school year is divided into two semesters corresponding with the College calendar. Tuition fees are payable in advance, are not refunded and are not transferable. Private lessons lost on account of sickness will be made up at convenience of teacher.

First year students, ten class hours and twenty half-hour private lessons, each half year	$38.00
Second year students, twelve hours of regular class work per week and twenty half-hour private lessons, each half year	40.00
Third year students, fifteen hours of regular class work, and seventy-five half-hour private lessons, each half year	62.00
Private lessons of one hour, each	1.00

DEGREES CONFERRED, JUNE, 1906

With the present address of members of class of 1906

Bachelor of Arts in Course

Anders, Frank Lafayette, Civil Engineer.....Milwaukee

Dexter, Frank Norman, Congregational District Missionary.....Ripon

Gifford, Burtus Seneca, McCormick Theological Seminary.....Chicago

Goodrich, Grace Gertrude, Graduate Student.....Ripon College

Hargrave, Josephine Ruth, Teacher.....Cokato, Minn.

Hargrave, Mary Bertha, High School.....Buffalo, Minn.

Kellogg, Aimee Laura .....Ripon

Morse, Cora Eugenie, High School.....Antigo

Newcomb, Morton Mayne, High School.....Oconto

Piekarski, Frances .....Berlin

Rawlings, Mabel Eva .....St. Joseph, Mo.

Richardson, Elizabeth, High School.....LaGrange, Ind.

Skidmore, Lewis Herbert, Congregational Church.....Medford

Thomas, David, Union Theological Seminary.....New York

Vandervelde, Bartholomew, High School .....Brandon

Volk, Fred Eugene, Engineering School.....Madison

STUDENTS

S. denotes Smith Hall; B., Bartlett, and W. B. West Building.

Graduate Students

Eggleston, Florence Isabella, 527 Watson St.....Ripon
Goodrich, Grace Gertrude, Eureka Road.....Ripon
Merrell, George Clarke, 302 Elm St.....Ripon
Rawlings, Mabel Eva .....St. Joseph, Mo.

Senior Class

Barlow, Bessie Ione, 100 Blackburn St.....Ripon
Crowther, Lillian Edith, Berlin Road.....Ripon
Dexter, Martha Torrey, 625 Lincoln St.....Ripon
Foote, Lois Emma, 534 Watson St.....Ripon
Hemp, Bernard Ford, 315 Houston St.....Ripon
Hill, Annie Houston, 19 B.....Merrill
Lobb, Ida Belle, 501 Liberty St.....Ripon
Sheldon, Nina Mary, 3 B.....Rosendale
Williams, Robert .....Llangernyw, Abergele, N. Wales
Wills, Sara Edith, 4 B.....Rosendale
Zobel, Edgar Herman, 603 Watson St.....Ripon

Junior Class

Barnes, Bessie Bly, 19 B.....Waupun
Brooks, Flora Ella, 12 B.....Green Lake
Brooks, Halbert, 208 S.....Green Lake
Bumby, May, 601 Newbury St.....Ripon
Dexter, Emily Smith, 625 Lincoln St.....Ripon
Dexter, John Smith, 625 Lincoln St.....Ripon
Fordice, Frances, 9 B.....Ripon
Gibson, Blanche Mignon, 11 B.....Clintonville
Haigh, Frank Loyal, 206 S.....Green Lake
Hargrave, Christina Russell, 331 State St.....Ripon
Hitchcock, Bird Blanche, 15 B.....Brandon
Kidder, Samuel Theodore, 434 Thorn St.....Ripon
King, Earl, 613 Newbury St.....Hyderabad, Deccan, India
LaTourette, Winifred, 20 B.....Fenton, Mich.
Merrell, Edna Huntington, 302 Elm St.....Ripon
Owens, Thomas, 315 Seward St.....Ripon
Parmley, Jennie A., Watson St.....Mineral Point
Richardson, Newton Page, 14 W. B.....Menasha
Sherwood, Robert Griffin, 513 Woodside Ave.....Ripon
Thompson, Ruth, 410 Watson St.....Ripon

Toombs, Helen, 107 Doty St.....Ripon
West, Lee Benjamin .....Ripon
Zobel, Lola, Cor. Blossom and Blackburn Sts.....Ripon

Sophomore Class

Atwood, Edward William, 12 W. B.....Shansi, China
Brownell, Joseph Daniel, 7 W. B.....Ashland
Davis, John N., 9 W. B.....Randolph
DeBoth, Edward Raymond, 106 S.....Green Bay
Cody, Helen M., Watson St.....Ripon
Dixon, Raymond Ephraim, 12 W. B.....Kingston
Frost, Mabel Hattie, 4 B.....Almond
Gibson, Bernice Ellen, 11 B.....Clintonville
Gilkey, Irene Elizabeth, 7 B.....Grand Rapids
Griffiths, Ellen May, 13 B.....Rosendale
Hodge, Willard Wellington, 435 Watson St.....Waunakee
Hughes, Helen, 309 Seward St.....Ripon
Johnston, Ada May, 15 B.....Waupun
Jussen, Paula Adelaide, 306 Jackson St.....Ripon
Marcks, Kate Wilhelmina, 211½ Main St.....Pepin
McCray, Francis Augustus, 206 S.....Green Lake
Morse, Hattie Jennie, 540 Ransom St.....Ripon
Murray, Edna, Seward St.....Ripon
Newschwander, Wilfred Williams, 101 S.....Green Bay
Nolan, Philip Edward, 106 S.....Green Bay
Oelke, Ella Alvina, 12 B.....Green Lake
Pares, Edward Burnaby, 15 W. B.....Wauwatosa
Prout, Sadie Malvina, 211½ Main St.....Ripon
Ramsey, Orrin Palmer, 3 W. B.....Reedsburg
Reseburg, Walter John, 306 S.....Kiel
Sanford, Frances, 459 Congress St.....Ripon
Sizer, William Jabez, 12 W. B.....Fond du Lac
Smith, Carey Kelhan, 131 E. Fond du Lac St.....Ripon
Smith, Ernest George, 540 Ransom St.....Randolph
Stewart, Earl William, 301 S.....Princeton
Talbot, Jessie, 21 B.....Berlin
Thomas, Jessie, 120 Thorn St.....Ripon
Tompkins, Gilbert Hambledon, 19 W. B.....Wauwatosa
Walker, Alice Edna, 407 Thorn St.....Ripon
Yahr, Edmund Adolph, 521 Woodside Ave.....Princeton
Zobel, Otto Julius, 603 Watson St.....Ripon

Freshmen Class

Anderson, Howard Warren, 302 S.....Eldorado
Armstrong, Asher Dean, Hall St.....Ripon
Bailey, Floyd Douglas, 307 S.....River Falls
Bate, William George, 107 S.....New London

Bayley, Allan Walter, Houston St.....Waupun
Bayley, George Calvin, 107 Doty St.....Waupun
Beyer, John Frederick, 18 W. B.....Green Bay
Brace, Charles Monroe, 627 Lincoln St.....Princeton, Minn.
Brinkerhoff, Margaret Minton, 20 B.....Waupun
Brister, Emma Louise, 2 B.....Kenosha
Broker, Albert Edward, 203 S.....Lindsey
Bugbee, Abel Ralph, 303 S.....Wausau
Burg, Allen George, 843 Metomen St.....Calumetville
Burrows, Emma Grace, 22 B.....Fond du Lac
Bush, Charles William, 107 Doty St.....Waupun
Butler, Walter Glynn, 4 W. B.....Montello
Cook, Arthur Floyd, 203 S.....Pine River
Cotton, William Jacobs, 6 W. B.....Elgin, Ill.
Cowan, Imogene, 320 Jackson St.....Ripon
Davis, Ira Cleveland, 540 Ransom St.....Randolph
Davison, Pearl, 109 W. Fond du Lac St.....Ripon
Duel, Henry Ward, 302 S.....Fond du Lac
Dunlap, James Eugene, 121 Howard St.....Ripon
Edwards, Morgan, 300 S.....Oshkosh
Eggleston, Elizabeth Genevieve, 527 Watson St.....Ripon
French, Lloyd, 614 Lincoln St.....Franksville
Friedrich, George, 303 S.....Fond du Lac
Frink, Amy Ione, 6 B.....Brandon
Fuller, Clinton Edgar, 303 S.....Reedsburg
Gilbert, Floy, 429 Liberty St.....Ripon
Goggins, Hugh William, 200 S.....Grand Rapids
Haseltine, Mabel K., 303 Blackburn St.....Ripon
Hill, Thomas Jackson, 108 S.....Merrill
Holt, Frances Ethlyn, 22 B.....Columbus
Holvenstot, Ralph Arna, 227 Hall St.....Marquette
Jones, Irmagard Case, 9 B.....Wautoma
Jones, John Edward, 216 Elm St.....Cambria
Kayser, Nicholas James, 17 W. B.....Green Bay
Keck, Clarence, 208 S.....Fond du Lac
Kidder, Mary Agnes, 434 Thorn St.....Ripon
King, Almon Lewis, 424 Woodside Ave.....Omro
Kingsburg, George Lucas, 520 Woodside Ave.....Ripon
Lamb, Jeannette Hilda, 216 Elm St.....Roberts
MacNeill, Harold Jewett, 202 S.....Mondovi
Mader, Harvey Herman, 205 S.....Oakfield
McDonald, Robert Bruce, 200 S.....Grand Rapids
Merbach, Edward, 628 Ransom St.....Ripon
Miller, Clarence Wilmot, 9 S.....Rosendale
Miller, Ethel Adel, 504 Watson St.....Ripon
Miller, Towne, W. Fond du Lac St.....Ripon
Mooney, Avis Jeanne, 445 Hall St.....Ripon
Morgan, Frank Theodore, 205 S.....Oakfield
Moriarity, James Edgar, 201 S.....Fond du Lac

Moser, Lillian Elaine, 13 B.....Fond du Lac
Nash, Carrie Loraine, 112 Hall St.....Ripon
Newcomb, Eleanor Latham, 459 Congress St.....Los Angeles, Cal.
Owens, Nellie, 609 Newbury St.....Randolph
Parker, Ira Sheldon, 207 S.....Tomahawk
Pfeifer, John Edward, 411 Liberty St.....Princeton
Reed, Jesse Marion, 307 S.....Benton, Ill.
Riggs, Alonzo Jehiel, 309 S.....Crandon
Ronne, Belva, 18 B.....Eau Claire
Rork, Glen Vivian, 20 W. B.....Reedsburg
Runals, Guy Warner, 604 Ransom St.....Ripon
Schaar, Arthur Ernest, 100 S.....Fond du Lac
Shuart, Rena Belle, 2 B.....Pleasant Prairie
Skamser, Bertha Elizabeth, 18 B.....Eau Claire
Smith, Wilbert, 201 S.....Milwaukee
Spooner, Roy Nathan, 105 S.....Tomah
Sutherland, Ethel Adela, 14 B.....Fond du Lac
Swetland, Joseph Ellsworth, 20 W. B.....Reedsburg
Wakefield, Earle Manton, 207 S.....Tomahawk
Watson, George Locke, 308 S.....Fond du Lac
Watson, Orrin Gould, 108 S.....Marinette
Wegel, Raymond Lester, 308 S.....Fond du Lac
Weir, Robert Angus, 105 S.....Portage
Whelan, Paul, 202 S.....Mondovi
Yule, Curtis Lorenzo, 627 Lincoln St.....Osseo
Zobel, Erna Ida, 603 Watson St.....Ripon

Unclassified

Barber, Helen Cuykendall, 120 Thorn St.....Ripon
Duffie, Jennie Lee, 400 Woodside Ave.....Ripon
Hamley, L. Maud, 211 W. Fond du Lac St.....Ripon
Scholes, Nellie Elizabeth, 516 Watson St.....Green Lake

Academy

Bast, Charles Peter, 6 W. B.....Rockfield
Clark, Gertrude Florence, 615 S. Grove St.....Ripon
Cole, Edwin, 100 S.....Green Lake
Cotton, Horace, 21 W. B.....Elgin, Ill.
Currie, Herbert, 8 W. B.....Wauwatosa
Dexter, Paul Lathrop, 625 Lincoln St.....Ripon
De Yo, Paul Manley, 107 S.....Eau Claire
DuVall, Clyde Darwin, Watson St.....Ripon
Esbensen, Sigrid Verona, 6 B.....Osseo
Evans, Rowland, 13 W. B.....Cambria
Farnham, Lila Ethel, 7 B.....Augusta
Frost, Harold Guernsey, 5 W. B.....Almond
Gates, Helen, 6 B.....Milwaukee

Hodge, Lawrence, 315 Ransom St.....Waunakee
Hughes, Stewart Wilson, 309 Seward St.....Ripon
Humphrey, Howell, 627 Lincoln St.....Wild Rose
Humphrey, Robert, 627 Lincoln St.....Wild Rose
Irvine, William, 11 W. B.....New Haven, Conn.
Johnson, Raymond Goldthorpe.....Waukau
Kennan, Gwendolyn, 17 B.....Milwaukee
Lewis, George Henry, 305 S.....Brooklyn, N. Y.
Loshinski, John Nicholas, 627 Lincoln St.....Princeton
Muggby, John Martin, 19 W. B.....Oshkosh
Newcomb, Edith Verna, 459 Congress.....Los Angeles, Cal.
Newcomb, Margaret, 459 Congress St.....Los Angeles, Cal
Nickel, Edward, W. B.....Montello
Nixon, Faye Mirriam, 131 E. Fond du Lac St.....Deer Creek, Ill.
Piehl, Herman Carl, 21 W. B.....Fond du Lac
Pascoe, Blossom, 24 B.....Oshkosh
Reynolds, Harry Everett, Hotel Englebright.....Horicon
Sattler, Emma James, 737 Metomen St.....Ripon
Shay, Edson Caswell, 11 W. B.....Armstrong Creek
Smith, Alice Elizabeth, 131 E. Fond du Lac St,.....Ripon
Smith, Granger Wheaton, 131 E. Fond du Lac St.....Ripon
Towne, George Gollaway, 201 State St.....Waupun
Werfelman, William Francis, 305 S.....Brooklyn, N. Y.
Whitney, Henry, 107 S.....Columbus
Williams, Katherine Edith, 17 B.....Milwaukee
Wilson, Grace Margaret .....Ripon
Wilson, Jessie, 558 Newbury St.....Ripon

CONSERVATORY OF MUSIC

Bean, Mildred Francis .....Wautoma
Blaisdell, Mellie Marie.....Brandon
Bonnell, Margaret Isabel.....Ripon
Broker, Albert Edward.....Lindsey
Burnside, Olive Marion .....Ripon
Burrows, Emma Grace .....Fond du Lac
Clark, Gertrude Florence.....Ripon
Cutler, Margaret .....Ripon
Dunlap, Keith Deloraine .....Ripon
Esbensen, Sigrid Verona .....Osseo
Faustman, Nina .....Ripon
Falbe, Lydia Mellie .....Fairwater
Farnham, Lila Ethel .....Augusta
Foster, Bertha Amelia .....Ripon
Frost, Mabel Hattie.....Almond
Gates, Beryl Adelaide .....Ripon
Gilkey, Irene Elizabeth.....Grand Rapids
Herrick, Lucy Ensign.....Owatonna, Minn.
Hughes, Margaret .....Ripon

Hughes, Stewart Wilson ..... Ripon
Hutchison, Mary Alice ..... Ripon
Jussen, Isabella Marie ..... Ripon
Knop, Dena Lucinda ..... Ripon
Lawson, Ethel May ..... Pardeeville, Wis.
MacNeill, Harold Jewett ..... Mondovi
Nash, Bessie Corwith ..... Aberdeen, S. Dak.
Oelke, Ella Alvina ..... Green Lake
Orthman, Grace ..... Plainfield
Schaefer, Florrian James ..... Ripon
Simpson, Grace Gardner ..... Waupun
Taintor, Mary Buckley ..... Ripon
Washkoska, Freada Meta ..... Ripon
Weida, Frances Wharton ..... Ripon
Wheeler, Don Howard ..... Green Lake

Painting and Drawing

Bradshaw, Edith ..... Ripon
Butts, Mary ..... Brandon
Chinnock, Ruby Della ..... Berlin
Crabtree, Alice Leuvina ..... Crandon
Dickingson, Fannie Amanda ..... Brandon
Eggleston, Bessie ..... Ripon
Griffith, Ellen Montgomery ..... Rosendale
Gilbert, Helen Frahm ..... Ripon
Genge, Ada Cole ..... Green Lake
Hughes, Helen ..... Ripon
Jusen, Josie ..... Ripon
Kidder, Mary Agnes ..... Ripon
Staples, Grace ..... Markesan
Robinson, Martha ..... Owatonna
Watson, Gould ..... Marinette
Wheeler, Susie ..... Brandon
Korrer, Cora Beechand ..... Fond du Lac

Public Speaking

Bumby, Mary Tillie ..... Ripon
Cook, Arthur Floyd ..... Pine River
Diedrich, William Frederick ..... Ripon
Diedrich, Kathrine Clair ..... Ripon
Dixon, Jennie Isabel ..... Brandon
Greenway, May Caroline ..... Green Lake
Hemp, Bernard Ford ..... Ripon
Ludtke, Grace Ophelia ..... Green Lake
Salisbury, Frances ..... Rosendale
Stewart, Earl William ..... Princeton
Weberg, Nellie Matilda ..... Berlin
Wills, Sara Edith ..... Rosendale
Zobel, Edgar Herman ..... Ripon

SUMMARY

College—		
Graduates	4	
Seniors	11	
Juniors	23	
Sophomores	36	
Freshmen	79	
Unclassified	4	
		157
Academy		40
Total of Academy and College		197
Music		34
Art and Public Speaking		33
		264
Deduct names counted twice		23
Total		241

OFFICERS OF STUDENT ORGANIZATION

Young Men's Christian Association

Ray E. Dixon, '09 ..... President
Earl L. King, '08 ..... Vice-President
Edward W. Atwood, '09 ..... Recording Secretary
Frank L. Haigh, '08 ..... Corresponding Secretary
Willard W. Hodge, '09 ..... Treasurer

Young Women's Christian Association

Ruth Thompson, '08 ..... President
Maud Hamley ..... Vice-President
F. Ethlyn Holt, '10 ..... Secretary
Jeanett H. Lamb, '10 ..... Treasurer
Erna Zobel, '10 ..... Pianist

Athletic Association

Bernard F. Hemp, '07 ..... President
Halbert Brooks, '08 ..... Vice-President
J. Dan Brownell, '09 ..... Secretary
Geo. L. Field, Esq ..... Treasurer
Wilbert Smith, '10 ..... Football Captain
Edward B. Pares, '09 ..... Football Manager
John N. Davis, '09 ..... Basket Ball Captain
Earl W. Stewart, '09 ..... Basket Ball Manager
John F. Beyer, '10 ..... Baseball Captain
Raymond E. Dixon, '09 ..... Baseball Manager
Clarence Keck, '09 ..... Track Captain
Willard W. Hodge, '09 ..... Track Manager

Athenian Society

Raymond E. Dixon ..... President
Albert E. Broker ..... Vice-President
Edgar H. Zobel ..... Treasurer
John S. Dexter ..... Secretary

Ecolian Society

Nina M. Sheldon, '07 ..... President
Ruth Thompson, '08 ..... Vice-President
Hattie Morse, '09 ..... Treasurer
Frances Sanford, '09 ..... Secretary
Nellie Owens, '10 ..... Teller

Philomathean Society

William J. Cotton ..... President
Harold Frost ..... Vice-President
Charles P. Bast ..... Secretary
Robert Humphrey ..... Treasurer

Oratorical Union

Blanche M. Gibson, '08 ..... President
Sara E. Wills, '07 ..... Vice-President
Earl King, '08 ..... Secretary
O. J. Marston, J. F. Taintor ..... Faculty Committee

Editors of "College Days"

Bernard F. Hemp, '07 ..... Editor-in-Chief
Ida B. Lobb, '07 ..... Assistant Editor
Helen P. Toombs, '08 ..... Local and Personal Editor
Raymond E. Dixon, '09 ..... Local and Personal Editor
Christina R. Hargrave, '08 ..... Exchange Editor
J. D. Brownell, '09 ..... Athletic Editor
Lovila M. Mosher, '81 ..... Alumni Editor
Grace G. Goodrich, '06 ..... Assistant Alumni Editor
Willard W. Hodge, '09 ..... Business Manager
Clarence W. Miller, '09 ..... Assistant Business Manager

Ripon College Glee Club

J. Dan Brownell ..... President
Raymond E. Dixon ..... Vice-President
Thomas J. Owens ..... Leader
Ira S. Parker ..... Leader Mandolin Club
Wilbur A. Sisson ..... Resident Manager
John N. Davis ..... Business Manager
Bernard F. Hemp ..... Assistant Manager
David H. Holbrook ..... Director

Young Ladies' Glee Club

Anne Hill ..... President
Christina R. Hargrave ..... Secretary and Treasurer
L. Maud Hamley ..... Director

The Staff of the "Crimson"

Earl King ..... Editor
Blanche Gibson ..... Associate Editor
Christina Hargrave ..... Social and Personal Editor
Thomas Owens ..... Social and Personal Editor
Halbert Brooks ..... Athletic Editor
Ruth Thompson ..... Artist
Frank L. Haigh ..... Artist
Frank L. Haigh ..... Business Manager

ALUMNI ASSOCIATIONS

Society of Alumni

Founded in 1873

President .. Arthur W. Newcomb, 451-2 Pac. Elec. Bldg., Los Angeles, Cal.
Vice-President ..... Miss Margaret A. Older, Ripon
Treasurer ..... Miss Jennie Hall, Ripon
Secretary ..... Miss Clara A. Bloom, Neenah

Chicago Association

President .... Rev. Fred L. Selden, 532 Sunnyside Ave., Ravenswood, Ill.
Vice-President ..... W. A. Merriman, 5505 Cornell Ave.
Secretary ..... W. R. Davis, Cambridge, Mass.
Treasurer ..... C. P. Coffin, Evanston
Historian ..... Miss Alice Hobart, Delavan, Wis.

Northwest Association

President ..... Paul J. Thompson, Boston Block, Minneapolis, Minn.
Secretary and Treasurer ..... Will B. Geery, St. Paul, Minn.

Ripon College Advancement Association

President ..... John G. Ingalls, Rector Bldg., Chicago
Vice-President .... Wm. B. Geery, St. Paul National Bank, St. Paul, Minn.
Secretary ..... Fred W. Rogers, Wells Bldg., Milwaukee
Treasurer ..... Carroll Atwood, Wells Bldg., Milwaukee

RIPON COLLEGE

Founder's Day and Early History.

Just as the last forms of this catalogue are ready for the press, the first Trustees' Record Book, that has been lost for many years, was discovered. This book gives accurate information of the early history of the College. The book was presented to the College by Mr. W. W. Robinson in 1895. It was listed on the Library Accession book, stored in the Library, and lost to view. How Mr. Robinson came to possess the volume does not appear.

The first discovery in the book is that of the birthday of the College, November 23, 1850. On that day a corporation was organized, known as the "Lyceum of Ripon," under the general laws of Wisconsin, having for its purpose "Mental improvement and the promotion of education"; its proceedings were recorded in the office of the Register of Deeds, a seal was adopted, and a board of nine directors was elected, consisting of David P. Mapes, President; Alvan E. Bovay, Clerk; E. L. Northrup, Treasurer; Warren Chase, Jehdiah Bowen, John S. Horner, Asa Kinney, Almon Osborn and Edwin Lockwood. Mr. Mapes was the man who had founded the city of Ripon the year before; Mr. Bovay has his place in history as the founder of the Republican party; Mr. Chase had been the leader of the Wisconsin phalanx in the valley of Ceresco adjoining the village of Ripon, had been the representative of this district in two constitutional conventions, and was then serving his term as the first senator from Fond du Lac County; Mr. Horner had been an early secretary of Michigan Territory, later secretary of the newly organized Wisconsin Territory in 1836, and had lately been the Probate Judge of Marquette County; Mr. Kinney had also served in the second constitutional convention, and the others were all prominent men of those pioneer times. They thus early set their face toward a movement in higher education, destined to be fruitful in results. At this first meeting, the main part of the present East College building was authorized by the following resolution:

> "RESOLVED, That the Directors be authorized in their "discretion to contract for the erection of a building in the "village of Ripon of stone, fifty feet square, two stories high, "with hip roof, dome, etc., to be used for the purposes of "education."

On the same day subscriptions to the new educational movement were taken as follows: John S. Horner, $25; Alvan E. Bovay, $25; David P. Mapes, $50; Jehdiah Bowen, $50; E. L. Northrup, $50; A. P. Mapes, $50; John T. Woodside, $20; Marcellus Pedrick, $10; Lyman Turner, $10; Griffith Beynon, $10; Levi Parker, $10; George F. Lynch, $25; Edwin Lockwood, $10. December 18, 1850, contract for erecting the proposed building was authorized with Mr. Andrew Gill of Dartford, Wis. In May of the next year the plans were modified to call for three stories.

Later, presumably acting under the advice of Mr. Bovay, who was a lawyer, application was made to the legislature for a charter, but before doing so a meeting of the "Lyceum" was held on January 1, 1851, at which the draft of the proposed charter was gone over in detail, and accepted, and the question of a name was decided, as the following record shows:

> "On motion of Mr. Northrup the honor of giving a name to "the college was put up at auction. Bidding spirited. Finally "struck off to Mr. (W. S.) Brockway for $250 donation. "Thereupon on motion of Mr. Bovay it was unanimously re- "solved to call our institution Brockway College."

The charter of 1851 was approved January 29. The first meeting after the enactment of the charter was March 3, 1851.

May 10, 1851, Mr. Bovay records the following interesting bit of history:

> "Friday, 4 P. M. A genial, balmy day. Sun covered by "opportune clouds. A small but hopeful company of Ladies "and Gentlemen are collected on a two hours' notice, on "the apex of College Hill. It is announced by D. P. Mapes, "president pro tem. of Brockway College, that the corner "stone of that institution is now about to be laid, and a copy "of the charter deposited under the same by the master "builder, Andrew Gill. Prayer was offered by the Rev. Mr. "Sherrill. The charter duly sealed was then deposited and "the stone laid. After which addresses were made by "Messrs. Mapes, Chase, Crawford, and Bovay. Benediction "by Mr. Sherrill and the company separated."

In January, 1852, Mr. Bovay makes the following summary of the cost of the building:

"Andrew Gill, bill paid in full	$1,188.00
"Daugherty's Lumber Bill, ⅓ paid, about	195.00
"Vibbert's Lumber Bill (Pd. $35)	80.37
"C. R. Pedrick's Carpenter Bill Pd	126.00
"Levi Parker's Carpenter Bill (Pd. $196.50)	225.00
"Making cost of College up to this time, exclud- "ing hauling of lumber, painting, nails and small "items	$1,814.37"

July 28, 1852, at the second annual meeting of the trustees of Brockway College, a committee was appointed to negotiate

> "with the Presbyterian Society or any other Responsible "Society or Individuals to take and finish the College and "establish a school therein of a high order."

These negotiations having taken place during the intervening year, and Rev. J. W. Walcott of Menasha having undertaken to open the school, the meeting of the Trustees July 27, 1853, records the election of Mr. Walcott as President *pro tem.*, vice D. P. Mapes, resigned. The Secretary says the meeting was held

> "At the College edifice, first story, east room, a beautiful "public school room, finished."

The Board transacted some routine business, and the record closes with the quaint note of the Secretary:

> "Session was a short one; no valedictory from the Presi- "dent; no speech making from anybody, although the occa- "sion was one that would have justified it; there before and "around us were the first visible fruits of our long, disinter- "ested, unaided and much suspected labors."

The actual management of the school passing into the hands of Mr. Walcott in 1853, there seems to have been no meeting of the Board in 1854; and in 1855 the Winnebago Convention of Presbyterian and Congregational Churches assumed control. The Convention deemed it wise to apply for a new charter, lest the old charter were void through failure to hold meetings during the Walcott regime, and accordingly the present charter of the College was obtained in that year.

In 1864 the name was changed to that of Ripon College.

In 1866 the Convention relinquished all control in these words:

> "this Convention hereby relinquishes all claim to the right "of nominating Trustees to fill vacancies in the Board of "Trustees. . . . . That the present Trustees are "nominees of this Convention, and, confiding in them as "Christian gentlemen, we commit the interests of the institu- "tion wholly to their care, with the assurance that in the "future, as in the past, they will maintain the integrity of "their trusts."

Ripon College

List of Living Alumni and
Necrology

Living Alumni

Class of 1867

ADAMS, LUTHERA HARRIET.....Omro
Instructor in Greek, Ripon College (retired).

Class of 1868

COOK, EMILY SMITH.....Washington, D. C.
Chief Clerk Indian Bureau, Department of the Interior.

DUFFIE, GEORGE CARLETON.....Ripon
Mining and Manufacturing.

EVERDELL, LYMAN BEECHER.....Breckenridge, Minn.
Attorney-at-Law. Judge.

Class of 1869

CHITTENDEN, CAROLINE DENCY (Mrs. J. M. Turner).....
.....216 Carol St., Brooklyn, N. Y.

CRAGIN, ISABELLA SOPHRONIA. 112 Union Ave., Framingham, Mass.
Author.

STEELE, GEORGE MONROE, M. D.....100 Algoma St., Oshkosh

Class of 1870

BATHRICK, DANIEL DELOSS.....Rogers Park, Chicago, Ill.
Tax Commissioner Northwestern Road.

BLAKELY, JOSIAH BLACKBURN.....Neenah
Farmer.

DURAND, EUNICE ELIZABETH (Mrs. E. C. Lyman)..Huron, S. Dak.

HOLT, WILLIAM SYLVESTER.....Portland, Ore.
Minister. Superintendent of Presbyterian Home Missions for Oregon.

MAPES, ELLA EMOGENE (Mrs. R. W. Arnold).....
.....Leanna, Allen Co., Kan.

OLDS, ROSA EMELINE (Mrs. W. M. Bristoll).....
.....2828 Chicago Ave., Minneapolis, Minn.

SMITH, ANNAH MIRIAM (Mrs. F. Finsterbach).....Chicago, Ill.
THOMPSON, ALBERT EUGENE.....Oshkosh
Attorney-at-Law.

Class of 1871

BLANCHARD, JAMES ARMSTRONG....17 E. 80th St., New York City
Justice Supreme Court, Court House.

DAVIES, JOSEPH G.....South Milwaukee
Attorney-at-Law.

EVERSZ, MORITZ ERNEST...Res. 628 University Place, Evanston, Ill.
Minister. Superintendent of German work for the Congregational Churches, Association Bldg., Chicago, Ill.

POWERS, SARAH ELLEN (Mrs. J.H. Bradish).....
.....1522 Ogden Ave., West Superior

RUST, ALBERT FRANKLIN.....504 Temple Blk., Kansas City, Mo.
Chief Engineer Port Arthur Route.

YEOMANS, CHARLES HOWARD.....Otterbeen, Ind.
Attorney-at-Law.

Class of 1872

ALLEN, JOHN WHEELOCK.....

BRUSH, JAMES MONROE.....Merrill

SHEPARD, MARTHA ALBINA.....727 Eighth St., Baraboo
Missionary.

WILCOX, HARMON MONROE.....506 Olive St., St. Louis, Mo.
Attorney-at-Law.

Class of 1873

AKIN, HENRY SEELY.....Willow River, Minn.
Merchant.

CROSS, ROWLAND STEVENSON.....Dawson, Minn.
Minister Congregational Church.

ELWELL, IDA (Mrs. E. S. Tilson).....West Salem
Lecturer before Farmers' Institutes.

FOULKES, WILLIAM.....1615 N. Seventh St., Kansas City, Kan.
Minister Presbyterian Church.

HANSON, OSCAR EMERY.....

HUNTER, MARIETTA (Mrs. R. B. Abbott).....Jackson, Minn.

POND, CHARLES MERRILS 56 Highland Ave., Minneapolis, Minn.
Attorney-at-Law. Ex-Judge District Court, Security Bank Bldg.

ROGERS, FRED WILLIAM.....Wells Bldg., Milwaukee
Mortgages, Loans and Insurance.

TAINTOR, JESSE FOX.....Ripon
Professor of English, Ripon College.

Class of 1874

BLAIR, EMMA HELEN.....Madison
Librarian and Author.

CAMPBELL, ISABELLA VALUCIA (Mrs. Josiah B. Blakely)...Neenah

CHITTENDEN, EZRA PORTER.....Kearney, Neb.
Minister Episcopal Church.

EVANS, EDWARD ..... .31 Kingston Road, Wimbleton, Eng.

HOBART, ALMIRA ISABELLA.....Delavan
Teacher in State School for the Blind.

THOMAS, BENJAMIN FRANKLIN.....Columbus, O.
Professor of Physics, Ohio State University.

Class of 1875

ATWOOD, CARROLL .....Wells Bldg., Milwaukee
Attorney-at-Law. Vice-Pres. Fidelity Trust Company.

BATSON, ROSINA EMMA (Mrs. W. I. Price).....Beaver Dam
Missionary.

HARGRAVE, JOHN WILLIAMS.....Pinelas, Fla.
Minister Congregational Church.

HARRIS, MARY EMILY.....Howard Lake, Minn.
Superintendent of Public Schools.

HILLMAN, SILAS HENRY.....Kasson, Minn.
Farmer.

KENNAN, KOSSUTH KENT.....1002-6 Wells Bldg., Milwaukee
Attorney-at-Law.

MCASSEY, MARY ANN (Mrs. Pearse Pinch).....Fairfield, Iowa

MILLER, ALBERT JULIAN.....Logan, Iowa
Business.

PINCH, JOHN WILLIAM.....48 Gilfillan Blk., St. Paul, Minn.
Attorney-at-Law.

PINCH, PEARSE .....Fairfield, Iowa
Minister Congregational Church.

SARGENT, ADELAIDE AMANDA (Mrs. J. L. Gibbs)..Mayfield, Mich.

SHERWOOD, JEAN CAROLINE (Mrs. A. W. Rankin).....
.....916 Fifth St., S. E., Minneapolis, Minn.
Author of Text Books for Teaching English.

WARNER, LYMAN HERSCHELL.....Milford, Neb.
Editor.

Class of 1876

INGALLS, JOHN GALLIVAN..Rector Bldg., Monroe St., Chicago, Ill.
Bonds and Investments.

STRONG, LOUIS KOSSUTH.....Antigo
Real Estate.

Class of 1877

CLARK, ADA (Mrs. E. H. Merrell).....Ripon

EVANS, DAVID EDWARD.....Good Will, S. Dak.
Minister.

HEADLEY, CHARLES WESLEY.....Winnebago City, Minn.
Business.

JEFFRIS, SUSAN ALICE.....58 S. Jackson St., Janesville

LEWIS, WILLIAM MARTIN....1626 3d Ave., S., Minneapolis, Minn.
Banker.

NISKERN, PERRY .....Berlin
Attorney-at-Law.

NORTHUP, ALONZO ROSSEIL.....Everett, Wash.
Attorney-at-Law.

Class of 1878

ATWOOD, IRENAEUS J.....Tientsin, China
Missionary American Board.

DAWES, FREDERICH AMES...Rector Bldg., Monroe St., Chicago, Ill.
Bonds and Investments.

SHERMAN, SARA JANE (Mrs. Chas. W. Headley).....
.....Winnebago City, Minn.

SLATER, ELLA MARY.....Jamaica Plain, Mass.

WHITE, FRANK NEWHALL, D. D.....Chicago, Ill.
Minister Union Park Congregational Church.

WILLIAMS, EMMA MARIA (Mrs. J. T. Sheehan).....
.....132 Olmstead St., Waupun

Class of 1879

ARMSTRONG, THOMAS, JR.....20-21 Fleming Blk., Phoenix, Ariz.
Attorney-at-Law.

COOK, WELLS WOODBRIDGE. 1328 12th St., N. W., Washington, D. C.
Biologist Smithsonian Institution.

HODGE, MARY EVA (Mrs. Wm. LeRoy).....Hartland

HODGE, WILLARD ADDISON.....Waunakee
Farmer.

MOSHER, ORVILLE WATSON.....New Richmond
President Northern Grain Company.

ROBERTS, ROBERT THOMAS, D. D.....Wilkesbarre, Pa.
Minister Presbyterian Church.

Class of 1880

HATCH, GEORGE WASHINGTON.....176 Broadway, New York City
Editor Insurance Era.

PHELPS, ROBERT MCEWEN, M. D.....Rochester, Minn.
Assistant Superintendent State Hospital for Insane.

ROBERTS, EDWARD JEROME.....Rookery Bldg., Spokane, Wash.

Class of 1881

MOSHER, LOVILA MARGARET.....River Falls
Librarian State Normal School.

SHAW, HIRAM HOPKINS.....18th and Wynkoop St., Denver, Colo.
Business.

WHITING, ALBERT JAY.....610 Girard Ave., Marion, Ohio
Insurance.

ACKERMAN, EVELINA (Mrs. Thomas Whitney).....
.....20-21 Fleming Blk., Phoenix, Ariz.

Class of 1882

ADAMS, CONSTANCE ALICE (Mrs. W. F. Meyer).Red Lodge, Mont.

CAMPBELL, CLAUDE CLEMENT.....St. Paul, Minn.
Minister Plymouth Congregational Church.

DANIELS, CAROLINE WELLS.....P. O. Agricultural College, N. Mex.
Professor of English and Dean for Women, State College of Agriculture and Mechanic Arts.

HODGE, CLIFTON FREMONT.....Worcester, Mass.
Assistant Professor of Physiology and Neurology, Clark University.

HOPKINS, LUCIUS DANIEL.....1702 N. 26th St., Omaha, Neb.
Minister Episcopal Church.

JONES, JOHN ROBERTS.....Hankinson, N. Dak.
Business.

JONES, THOMAS RICHARD, M. D.....Winnebago
Physician Northern Hospital.

KENNAN, CHESTER TULLAR.....997 Cambridge Ave., Milwaukee
Attorney-at-Law.

MEYER, FREDERICK WILLIAM.....Red Lodge, Mont.
Attorney-at-Law.

MONTAGUE, MARY JANES (Mrs. H. H. Powers).....
.....11 Willeard St., Newton, Mass.
Lecturer for University Bureau of Travel.

SANDERS, FRANK KNIGHT, D. D., Ph. D.....Boston, Mass.
Secretary Congregational Sunday School and Publishing Society.

WILSON, EDWARD HERBERT.....143 New Ins. Bldg., Milwaukee
Attorney-at-Law.

Class of 1883

COOKE, HENRY SEWARD.....Kaukauna
Manager Paper Mills.

JOSLYN, COLIN CLINTON....N. Y. Life Bldg., Minneapolis, Minn.
Attorney-at-Law.

MACNEILL, SAMUEL MELANCTHON.....Mondovi
Minister Congregational Church.

SUTHERLAND, DANIEL DELLOYD.....Fond du Lac
Attorney-at-Law.

Class of 1884

BOOKER, MARGARET (Mrs. W. R. Dawes).....
.....638 Evanston Ave., Chicago, Ill.

DAWES, WILLIAM R.....Res. 638 Evanston Ave., Evanston, Ill.
Cashier Central Trust Company of Illinois, Chicago, Ill.

Class of 1885

DOBBS, MARY LAMPSON.....Fond du Lac
Hospital.

JOHNSTON, JOHN CLELAND.....Waupun
Farmer.

Class of 1886

BOW, ORRIN WRIGHT, JR.....Loan and Trust Bldg., Milwaukee
Attorney-at-Law.

BRIGHAM, FREDERICK MERRELL.....2712 Monroe St., Toledo, O.
Secretary Woolson Spice Company.

CRABTREE, FREMONT ROGER.....Res. Wauwatosa
Architect, 499 Broadway, Milwaukee.

MERRELL, EDWARD TRACY.....151 S. Jefferson St., Chicago, Ill.
Manufacturer.

MERRELL, MAUD LINCOLN (Mrs. B. H. Brown).....
.....21 College Ave., Walla Walla, Wash.

MORGAN, GRACE (Mrs. Luther Davies).....Oshkosh

MOUAT, GRACE .....Janesville
Teacher.

SCRIBNER, CHARLES HOSMER, M. D....79 Ward St., Paterson, N. J.

SWIFT, LEE .....Tracy, Minn.
Superintendent of Public Schools.

WEISS, GEORGE CARL.....Waukesha
Editor of the Press.

Class of 1887

NOHL, EMELIE.....261 18th St., Milwaukee

WRIGHT, LUTHER LAMPHEARE.....Ironwood, Mich.
Superintendent of Public Schools at Ironwood and State Commissioner of Education for Michigan.

Class of 1888

CABEEN, JAMES WALLACE.....Cripple Creek, Colo.
Minister Baptist Church.

DAVIES, LUTHER.....163 Main St., Oshkosh
Merchant.

ELWOOD, WILLIS PENFIELD.....Palani, India
Missionary American Board.

HAMILTON, ANNA MONCRIEFF (Mrs. J. W. Cabeen).....
.....Cripple Creek, Colo.

HOCKENHULL, FLORA EDITH (Mrs. Philip Leahy)..Chippewa Falls

JONES, THOMAS JOHN.....Silchar, Assam, India
Presbyterian Missionary.

Class of 1889

BACON, BERTHA HOBERT (Mrs. Chas. T. Green).....Marinette

MIDDLETON, JENNIE YOUNG.....Philadelphia, Pa.
Librarian Apprentices' Library.

PHELPS, ISABELLA HOLMES (Mrs. F. E. Gooding).Rochester Minn.

Class of 1890

DAKIN, GAYWOOD (Mrs. George Skinner).....Waupaca

EVERHARD, ELEANORA SOPHRONIA, M. D.....Dayton, O.

WHEELER, MAY CURTIS.....1230 Amsterdam Ave., New York
Nurse Whittier Hall.

Class of 1891

DUNBAR, MARY BLANCHE (Mrs. Geo. H. Nordvi).....Waupaca

EGGLESTON, NELLIE BLANCHE (Mrs. W. E. Haskell).....
.....Mt. Vernon Ave., Boston, Mass.

JUDD, WILTON BREWSTER.....1649 Marquette Bldg., Chicago, Ill.
Attorney-at-Law.

LEONARD, ARTHUR EASTMAN.....Menasha
Minister Congregational Church.

MEYER, ELLA ELIZABETH.....Ripon

MILLARD, WILLIAM BARRETT.....Geneseo, Ill.
Minister Congregational Church.

PEDRICK, SAMUEL MARCELLUS.....Ripon
Attorney-at-Law.

Class of 1892

DUNBAR, CHARLES HAMILTON.....Ripon
Farmer.

MERCER, ARTHUR JAMES.....111 12th St., San Francisco, Cal.
Contractor.

NEWTON, MAMIE LUCILDA (Mrs. J. Swearingen)..Blountsville, Ind.

OSTROM, JOHAN OSCAR.....1717 Franklin Ave., Astoria, Ore.
Minister Evangelical Church.

STICKLE, ELLEN AMELIA.....6519 Yale Ave., Chicago, Ill.
STICKLE, EMILIE MAY.....6519 Yale Ave., Chicago, Ill.

Class of 1893.

BETHEL, HORACE ORLANDO.....Grand Junction, Iowa
Minister Baptist Church.

HAMILTON, MARGARET BOCHART.....Raleigh, N. Carolina
Teacher Shaw University.

MERCER, ERNEST HENRY, M. D.....
.....927 Market St., Spreckels Bldg., San Francisco, Cal.

MORSE, ELMER ADDISON.....Antigo
Attorney-at-Law. Member of Congress.

Class of 1894

BROWN, BENJAMIN HARRISON. 21 College Ave., Walla Walla, Wash.
Professor of Physics.

CHANDLER, ELWYN FRANCIS, M. A. ..... Grand Forks, N. Dak.
Professor of Mathematics, State University.

DICKINSON, JULIA MOORE (Mrs. Irwin A. Pearsall) ..... Elroy

MCQUEEN, MARY JEANNETTE ..... Rhinelander

MORSE, MARY ELIZA (Mrs. Wallace M. Short) .....
..... 2454 Tracy Ave., Kansas City, Mo.

MORSE, ROY LEWIS ..... Fond du Lac
Attorney-at-Law.

SCRIBNER, ELIZA RUTH (Mrs. John W. McShepard) .....
..... 239 Seventeenth Ave., Paterson, N. J.

SELDEN, FRED LOCRATUS ..... 2478 N. Hermitage Ave., Chicago, Ill.
Minister Presbyterian Church.

SUTHERLAND, MARGARET MAY ..... Home address, Rush Lake
Missionary Baptist Church Bhamo, Burmah.

Class of 1895

DAVIES, DAVID ROBERT ..... Campbellsport
Minister Baptist Church.

HEBERLEIN, FREDERICK WILLIAM ..... Hamilton, Mo.
Minister Congregational Church.

JACKSON, LEILA DEETTE ..... Oconomowoc
Trained Nurse.

JONES, DANIEL R. ..... Wahpeton, N. Dak.
Attorney-at-Law.

McDERMID, MARY .....Apartado 247, Mexico City, Mexico
Missionary Presbyterian Board.

ROUNTREE, JOHN SOUTHWORTH.....Chicago, Ill.
Attorney-at-Law, with Harris Trust & Savings Bank.

Class of 1896

DENISON, CARRIE WHITE (Mrs. Victor E. Palmer).....
.....515 Thirteenth Ave., N., Seattle, Wash.

EVANS, EDITH MABEL (Mrs. Oscar E. Ecke).....Fond du Lac

GRIFFITH, HUGH CADWALADER.....Emerson, Iowa
Minister Welsh Church.

HALL, EDWIN CHARLES.....545 Jackson St., Milwaukee
Contractor and Bridge Builder.

McDERMID, JENNIE (Mrs. Frederick Burman).....
.....1312 Ave. I., Galveston, Tex.

McQUEEN, ISABELLA MARGARET.....Rhinelander

NEWCOMB, ARTHUR WILLIAM.....
.....451-452 Pacific Elevator Bldg., Los Angeles, Cal.
Journalist.

SPOONER, JESSIE ELLEN.....Wabasha, Minn.
Superintendent of Schools, Teacher of Latin.

Class of 1897

KELLY, ALZINA MEROA (Mrs. H O. Bethel)..Grand Junction, Iowa

LEWIS, GRACE GIFFORD (Mrs. E R. Oliver).Vernon Center, Minn.

McASSEY, FRANK HELMER....410 Masonic Temple, Rockford, Ill.
Insurance.

MORRIS, ROBERT ..... Arpin
Superintendent of Schools for Wood County.

OLIVER, ELMER RUFUS ..... Vernon Center, Minn.
Principal of Schools.

O'NEILL, GARRETT WILLIAM ..... Seattle, Wash.
Commission Merchant.

PALMER, VICTOR EDWIN ... 515 Thirteenth Ave., N., Seattle, Wash.
Attorney-at-Law.

PINKERTON, HENRY MOODY ..... New Lisbon
Minister Congregational Church.

SHEERAR, FRANK BEALS ..... Omro
Mail Agent.

WOLFF, IDA ..... Ripon

Class of 1898

BOTTUM, HELEN BURNHAM ..... W. Rosendale

BUCK, BLANCHE JULIA .....
Teacher.

DYSART, CARRIE LEE ..... 79 Kavanagh Place, Wauwatosa

EVANS, SILAS ..... Parkville, Mo.
Professor of Philosophy, Park College.

FLAGG, ALICE KNEELAND (Mrs. W. C. Hitchcock) ..... Ashland

GRIFFITH, ALBERT HENRY ..... R. F. D., Fisk
Farmer.

GRIFFITH, HUGH WILLIAM ..... 53 Gaylord Ave., Plymouth, Pa.
Minister Welsh Church.

HARGRAVE, WILLIAM ERNEST ..... Marshfield
Farmer.

HEMINGWAY, ERNEST EUGENE.....
.....628 15th Ave., S. E., Minneapolis, Minn.

HITCHCOCK, WALLACE CHESTER.....Ashland
Minister Congregational Church. Teacher North Wisconsin Academy.

JACKSON, JESSIE DEETTE (Mrs. S. A. Hadley).....Amasa, Mich.

JONES, MARY ELLEN.....Columbus

JONES, ROBERT HENRY.....Emerson, Iowa
Minister.

LEAHY, PHILIP.....Chippewa Falls
Principal of Business College.

MUNSELL, LOTTIE .....Wells River, Vt.
Teacher in High School.

RIPLEY, EDWIN ARTHUR.....15 7th St., S. E., Minneapolis, Minn.
Banker.

THOMPSON, PAUL JENNINGS.410 Sec. Bk. Bldg., Minneapolis, Minn.
Attorney-at-Law.

Class of 1899

BUCKLAND, RALPH HALE, M. D.....Green Lake

BUSSEWITZ, MAX ALFRED.....Milwaukee
Professor of Chemistry, State Normal School.

COLLINS, ISABELLA WEBSTER.....Madison
Post Graduate Student, State University.

DYSART, LULU MAY.....Racine
Teacher of English Literature and History, High School.

FOAT, JOHN SAMUEL, M. D.....Ripon

HARGRAVE, ALEXANDER WALTER.....Cokato, Minn.
Principal of High School.

HENDRICKSON, PEARL SELMA (Mrs. E. C. Hall).....
.....545 Jackson St., Milwaukee

JONES, EBENEZER EDWIN.....Jackson, Ohio
Minister Presbyterian Church.

JOPP, MENTOR VALERIUS KARL.....Milwaukee
Attorney-at-Law.

LEHMANN, JULIA ELIZABETH.....Appleton
Teacher of German, in High School.

MORSE, SAMUEL SMITH, M. D.....Kansas City, Mo.

Class of 1900

FRANK, DONALD EDWARD.....Kenosha
Teacher of Latin in High School.

MITCHELL, SARAH CLYDE (Mrs. S. S. Morse)....Kansas City, Mo.

STEWART, WILLIAM JOHN.....Buda, Ill.
Minister Congregational Church.

WILLIAMS, WILLIAM DANIEL.....Leigh Ave., Princeton, N. J.
Minister Presbyterian Church.

Class of 1901

AYER, ARLOUINE (Mrs. Robert Hall)...1520 Cedar St., Milwaukee

BATTY, JAMES EDWARD.....117 Jones St., W., Savannah, Ga.
Commercial Traveler.

BEATTIE, GEORGE WILSON....927 Washington Ave., St. Louis, Mo.
Teacher.

CHURCHILL, HAROLD GILES.....Endeavor
Teacher in Academy.

BOLLER, FREDERICK CONRAD.....Laona
Minister Presbyterian Church.

CLARK, LOTTA ELIZABETH.....Mexico, Mo.
Teacher in High School.

COLLINS, GRACE MARGARET.....Oconto Falls
Teacher in High School.

DAVIDSON, JAMES ALEXANDER.....Stoughton
Minister Congregational Church.

DAVIES, HARRIET.....Srimangal A. B., Rly, India
Medical Missionary.

DAVIS, WILLIAM REESE.....40 Kirkland St., Cambridge, Mass.
Post Graduate Student Harvard University.

EDWARDS, HUGH JONES, M. D.....Cascade

HALL, JENNIE .....Ripon
Teacher of Science in High School.

HALL, MARY POWELL .....Ripon
Physician's Assistant.

HALL, ROBERT SYDNEY.....1520 Cedar St., Milwaukee
Contractor and Bridge Builder.

HOLBROOK, DAVID HELM.....Fond du Lac
Teacher of History in High School.

MERRELL, EDITH BLACKMAN.....Walla Walla, Wash.
Instructor in Greek and Latin, Whitman College.

MITCHELL, MILDRED CORINNE.....Kansas City, Mo.
Secretary of Young Women's Christian Association.

MORSE, CARRIE ZETTIE.....Ripon
Grade Teacher.

OLDER, MARGARET ABIAH.....Du Quoin, Ill.
Teacher Latin and German.

ROBERTS, DAVID KENDRICK.....1221 Lincoln Ave., Denver, Colo.
Minister Presbyterian Church.

RUSSELL, IRA ADAMS.....Metomen
Farmer.

THOMAS, JOHN ROGERS.....z.....Pittsburg, Pa.
Minister First Welsh Presbyterian Church.

Class of 1902

BATTY, FOSTER JOHN.....R. F. D. 1, Plainville
Farmer.

BEEBE, JOANNA BELLE.....New Lisbon
Teacher of Latin in High School.

HAYDEN, ARTHUR GUNDERSON.....59 Dane St., Albany, N. Y.

JONES, JOHN DANIEL.....Ixonia
Minister Welsh Church.

LEHMANN, HARRIET EVELYN (Mrs. Sherwood Kutchen).....
..... Missoula, Mont.

NOHL, WANDA LAURIE.....Burlington
Teacher of Latin and German in High School.

Class of 1903

ABEL, MARGARET AGNES.....Omro
Teacher of English in High School.

BARBER, WARREN HOWARD.....229 23d St., Milwaukee

BATTY, ARTHUR JOSEPH, M. D.....Chicago, Ill.
Rush Medical School.

BRUINS, DIRK, M. D.....Chicago, Ill.
St. Luke's Hospital.

CATE, JO LANA BELLE.....Auroraville

CONGDON, RUSSELL THOMPSON, M. D.....
.....44 Rutland Square, Boston, Mass.
Harvard Medical College.

DUFFIE, ALLEN HARWOOD.....Lewiston, Idaho
Secretary Lewiston-Clarkson League.

GRIFFITH, ROBERT WILLIAM.....Williston, N. Dak.
Minister Presbyterian Church.

KUTCHIN, VICTOR SHERWOOD.....Missoula, Mont.
Attorney-at-Law.

MEIER, LAURA ANGELICA.....531 6th Ave., Clinton, Iowa
Teacher of English and Latin in High School.

MEIER, ALBERT GUIDO..... .....920 12th St., Manitowoc
Teacher of Latin and German in High School.

MORSE, CAROLINE MADGE .....Princeton
Teacher of Latin and German in High School.

Class of 1904

BLOOM, ANNA E. .....St. James, Minn.
Teacher in High School.

BLOOM, CLARA ANABEL.....Neenah

CHANDLER, EDITH B.....Chicago, Ill.
Graduate Student University of Chicago.

CLAWSON, FLORA L.....Ripon
Instructor in German and Latin, Ripon College.

DAVIES, HOWELL D. .....Princeton, N. J.
Theological Seminary.

DAVIS, EVA FLOY.....Green Bay
Teacher of Latin and German in High School.

DAWLEY, ERWIN C.....Rhinelander
With Mason-Donaldson Lumber Co.

HALL, RUTH .....Ripon
Teacher of German in High School.

JONES, DAVID B.....103 Park St., New Haven, Conn.
Graduate Student Yale University.

LAMB, WILLIAM ASH.....Brooklyn
Principal of Schools.

MCDERMID, JESSIE .....Glasgow, Mont.
Principal of Schools.

MERRELL, JULIA H.....Wadena, Minn.
Teacher of English and Latin in High School.

NEWSCHWANDER, EDGAR S.....Chicago, Ill.
Divinity School, University of Chicago.

STEWART, JAMES RUSSELL.....
.....127 Brayards Road, Peckham, London, S. E., England
Manager Heinz Pickle Co.

VANDERVELDE, CONRAD .....Princeton, N. J.
Theological Seminary.

Class of 1905

EGGLESTON, FLORENCE I. .....Ripon

HILL, MAY B. (Mrs. D. E. Frank).....Kenosha

HOLBROOK, CHARLES W. .....Clinton, Iowa
Teacher of Biology in High School.

LOBB, ALBERT J.....Chippewa Falls
Teacher of History in High School.

MERRELL, GEORGE C.....433 Lake St., Madison
Graduate Student State University.

MORSE, CHESTER B.....Antigo
Civil Engineer Northwestern Road.

OWENS, JENNIE M.....North St. Paul, Minn.
Teacher in High School.

POWELL, JOHN A.....New York, N. Y.
Law Department, Columbia University.

REICHMUTH, AUGUSTA L.....Manitou, Colo.
Teacher in High School.

SANFORD, NELLIE D.....Green Bay
Teacher in High School.

SCHOLES, SAMUEL RAY.....Wausau
Teacher of Physics and Chemistry in High School,

THOMPSON, WILLIAM HILL .....Garfield, Utah
Chemist in American Smelting and Refining Co.

UTTER, GERTRUDE M. (Mrs. Chas. W. Holbrook)....Clinton, Iowa

WIESENDER, ARTHUR J.....Baltimore, Md.
Johns Hopkins Medical School.

WILLIAMS, ROBERT L., M. D.....Wauwatosa
Milwaukee County Hospital.

Class of 1906

ANDERS, FRANK L.....Council Chambers, City Hall, Milwaukee
Assistant Field Inspector, Wisconsin Board of Assessment.

DEXTER, FRANK NORMAN.....Ripon
Minister. State Missionary for Congregational Churches.

GIFFORD, BURTUS SENECA.....Chicago, Ill.
Graduate Student McCormick Theological Seminary.

GOODRICH, GRACE GERTRUDE.....Eureka St., Ripon
Instructor in Ripon College Academy.

HARGRAVE, JOSEPHINE RUTH.....Cokato, Minn.
Teacher Public Schools.

HARGRAVE, MARY BERTHA.....Buffalo, Minn.
Teacher.

KELLOGG, AIMEE LAURA.....Oshkosh Road, Ripon
Instructor on Violin.

MORSE, CORA EUGENIE.....Antigo
Teacher of Mathematics.

NEWCOMB, MORTON MAYNE.....Oconto
Teacher of Physics and Chemistry in High School.

PIEKARSKI, FRANCES .....Berlin

RAWLINGS, MABEL EVA.....2834 Seneca St., St. Joseph, Mo.
Teacher in Public Schools.

RICHARDSON, ELIZABETH .....La Grange, Indiana
Teacher of English and Music in High School.

SKIDMORE, LEWIS HERBERT.....Medford
Minister Congregational Church.

THOMAS, DAVID .....New York
Graduate Student Union Theological Seminary and Columbia University.

VANDERVELDE, BARTHOLOMEW .....Brandon
Principal of High School.

VOLK, FRED EUGENE.....Madison
Graduate Student Engineering School, University of Wisconsin.

NOTE—The Alumni are requested to inform the College of any change of address or occupation, and to aid the College in securing the accurate address for students who did not graduate. Address the President's Office.

NECROLOGY

Class of 1867

Harriet Hemans Brown.

Susan Ann Wright Salisbury.

Mary Francis Spencer-Thayer.

Class of 1868

Albert Jerome Chittenden.

Myron Winslow Pinkerton.

James Horace Tracy.

Class of 1871

James Harvey Bradish.

John Thomas Evans.

Class of 1872

Frank Isaiah Fisher.

Sarah Ellen Scribner.

Margaret Blandenia Shoemaker.

Class of 1873

Horatio Aldrich Brooks.

Sarah Frances Combs-Greer.

Harriet Almira Johnson-Foulkes.

Henry Beeman Miter.

Class of 1874

William Francis Hillman.

Class of 1876

John Wait Savage.

Class of 1877

David Davies, D. D.

Class of 1878

Abbie Augusta Strong.

Class of 1880

Harriet Jessup Rogers.

Class of 1882

Elvin Berry Savage.

Class of 1884

Merritt Welcome Phillips.

Class of 1886

Louis Mead Sherman.

Class of 1887

Marian Amoret Sargeant-Williams.

Class of 1890

Charles Danforth Campbell.

Class of 1895

Blanche Eliza Pinch.

Class of 1898

Harry David Clark.

Archibald Henry Young.

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